

# Reference Guide and Pricebook

Prices effective  
April 2009



*Powering Business Worldwide*

## **OVERVIEW OF REVISIONS**

- Price updates include the April 1, 2009, changes to various list prices
- Added new product: Eaton® 9390IT UPS
- Reinserted the Nova AVR® UPS (USB models) and the Eclipse® surge suppressors
- Removed Pulsar PDUs and PDU—HVs
- Updated Eaton BladeUPS® Maintenance Bypass Cabinet (MBC) output voltage and catalog and style numbers
- Updated Eaton 3105, 5110, Evolution® and Evolution S UPS dimensions
- Updated Eaton Evolution UPS runtimes chart to show actual loads instead of percentages
- Updated Eaton 5130 and 9130 UPS runtimes charts—these now show runtimes at 0.7 power factor
- Updated CHSP™ and Surge Strip Series information
- Updated catalog and style numbers for PowerSure 700 Power Conditioners (208/208V)
- Added pricing for Startup and Preventive Maintenance Services, Warranty+ Extended Warranties, PowerTrust Service Plans and Flex Service Plans for the Eaton 5130, 9130, 9135, Evolution, Evolution S, Pulsar®, Pulsar M®, Pulsar MX® and EX RT UPSs
- Service plan information is now included with the product sections of the reference guide; an overview of single-phase and three-phase service plans can be found beginning on page 127

## **BATTERY REPLACEMENT**

For batteries, refer to the *Eaton Battery Replacement Pricebook* located on the Eaton Power Quality Salesweb.

## **PRODUCT REGISTRATION**

Register your product at: [www.powerware.com/ProductRegistration](http://www.powerware.com/ProductRegistration).

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Notes: Due to continuing product improvement programs, all specifications and prices are subject to change without notice.

With the exception of batteries, any UPS parts or parts kit pricing that is included in this reference guide is based on a concurrent purchase of a new unit(s). Pricing for parts or parts kits purchases made separately from a concurrent unit purchase must be obtained from the Eaton Customer Support Center at 800.356.5737.

## Easy on Your Wallet, Better for the Environment

Eaton is committed to setting higher standards for the environment by demanding higher standards for our products. Our latest offerings are designed to provide environmentally sound solutions that are kind to our surroundings, yet just as friendly to your budget.

The Eaton BladeUPS offers UPS power protection for blade servers with an industry-leading efficiency rating of 97% to realize a \$30,000 energy cost savings within five years. ePDUs are equipped with new transformers to meet Energy Policy Act 2005 efficiency standards. In addition, the MGE Office Protection Systems family is "eco-designed" to minimize the environmental impact of every product throughout its life cycle.

Sometimes, the more fiscally responsible option is also the most environmentally sound. Commit to a GREENER facility with Eaton solutions.

### RoHS

#### Restriction of Hazardous Substances Directive



The **Restriction of Hazardous Substances Directive (RoHS)** became European Law in February 2003. This directive restricts the use of six hazardous materials in the manufacture of various types of electronic and electrical equipment. It is closely linked with the Waste Electrical and Electronic Equipment Directive (WEEE), which sets collection, recycling and recovery targets for electrical goods and is part of a legislative initiative to solve the problem of huge amounts of toxic e-waste.

**RoHS** restricts the use of the following six substances:

- Lead
- Mercury
- Cadmium
- Chromium VI (also known as hexavalent chromium)
- PBB
- PBDE

All international and most domestic products are now compliant with the RoHS directive. For more information, please visit [www.eaton.com/powerquality](http://www.eaton.com/powerquality).

Visit [www.eaton.com/powerquality](http://www.eaton.com/powerquality) for updated RoHS compliance information.

# POWER PROTECTION

## Risk Protection as Easy as 3, 5, 9

You've invested thousands in the best equipment. You consider your data a priceless commodity. So much is at stake when it comes to your critical systems—yet without the adequate protection, they are at constant risk. From power failures and surges to premature hardware failure, our power management solutions are designed to safeguard against the nine common power threats to your assets and equipment.

These power problems are potentially devastating to your data and computer hardware, and not every UPS protects against them all. Eaton's unique power protection strategy revolves around these threats to deliver three levels of power protection to meet your specific needs: Series 3, Series 5 and Series 9. Each is designed to fill a different level of power protection requirements.

Only Eaton's UPSs incorporate the simple and unique 3, 5, 9 selection system, allowing you to easily determine which solution best meets your needs.

Eaton offers a comprehensive selection of UPS solutions based on protecting against the nine most common power threats, designed to grow with your changing requirements. Our single-phase offering caters to the needs of the smallest home offices, extending to medium-sized server farms, networks and mission-critical applications. If you are seeking advanced protection to encompass large-scale applications such as enterprise networks, medical facilities or Internet services, look to an Eaton three-phase UPS solution for protection that is second-to-none.

### Series 3 UPS

Primarily protects your systems against three of the nine power problems:

- Power failures
- Power sags
- Power surges

This basic level of protection is necessary to prevent damages to your systems including:

- Data loss
- File corruption
- Flickering lights
- Hardware damage
- Equipment shutoff

The Series 3 UPS is ideal for standalone and networked computers, and peripherals (non-laser printers, scanners, and modem) to provide you with the perfect level of protection for small office/home office (SOHO) applications.

### Series 5 UPS

Most effective against five of the nine power threats to your environment:

- Power failures
- Power sags
- Power surges
- Under-voltage
- Over-voltage

Series 5 UPSs safeguard your equipment from all of the damages listed under the Series 3 UPS in addition to:

- Premature hardware failure
- Data loss and corruption
- Data error
- Keyboard lockup
- Storage loss
- System lockup

Series 5 UPSs are ideal for use with workstations, servers, networks (hub, routers and switches) and rack applications.

### Series 9 UPS

Comprehensive protects your data and equipment against all nine power problems:

- Power failures
- Power sags
- Power surges
- Under-voltage
- Over-voltage
- Line noise
- Switching transients
- Frequency variation
- Harmonic distortion

The Series 9 UPS delivers full protection for your critical equipment from all the power threats listed under the Series 3 and 5 UPSs, as well as:










- Component stress
- Burned circuit boards
- Data crashes
- Program failures

Series 9 UPSs deliver the ideal level of protection for critical servers, database servers, networks and data centers. Providing you with the most comprehensive level of protection, we also recommend Series 9 for Network Area Storage (NAS) and Storage Area Network (SAN) systems, IP telephony (VoIP) and rack applications.

# POWER PROTECTION

## 9 Power Problems and Their UPS Solutions

Eaton UPSs address any of the nine power protection problems to fulfill power protection, distribution and management needs in the office, computer networking, data center, telecommunications, healthcare and industrial markets. Low-cost products such as the Eaton 3105 UPS, Eaton 5110 UPS and Pulsar protect general desktop systems for small office/home office (SOHO) applications. The line-interactive, double-conversion UPSs such as the Eaton 5125 UPS, Eaton 9125 UPS, BladeUPS, Evolution, Pulsar, Pulsar MX and Pulsar MX Frame are designed to safeguard a myriad of mission-critical systems including network servers and power hungry blade servers.

Power Problem	Definition*	Cause*	Solution
<b>1</b> Power Failure	 A total loss of utility power	Can be caused by a number of events: lightning strikes, downed power lines, grid over-demands, accidents and natural disasters.	<div style="display: flex; flex-direction: column; align-items: center; justify-content: space-around;"> <div style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 10px;">Single-phase Series 3 UPS</div> <div style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 10px;">Single-phase Series 5 UPS</div> <div style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 10px;">Single- and Three-phase Series 9 UPS</div> </div>
<b>2</b> Power Sag	 Short-term low voltage	Triggered by the startup of large loads, utility switching, utility equipment failure, lightning and power service that's too small for the demand. In addition to crashes, sags can damage hardware.	
<b>3</b> Power Surge (Spike)	 Short-term high voltage above 110% of nominal	Can be caused by a lightning strike and can send line voltages to levels in excess of 6,000 volts. A spike almost always results in data loss or hardware damage.	
<b>4</b> Under-voltage (Brownout)	 Reduced line voltage extended periods few minutes to days	Can be caused by an intentional utility voltage reduction to conserve power during peak demand periods or other heavy loads that exceed supply capacity.	
<b>5</b> Over-voltage	 Increased line voltage for extended periods of a few minutes to a few days	Triggered by a rapid reduction in power loads, heavy equipment being turned off, or by utility switching. The results can potentially damage hardware.	
<b>6</b> Electrical Line Noise	 High frequency waveform caused by EMI interference	Can be caused by either RFI or EMI interference generated by transmitters, welding devices, SCR driven printers, lightning, etc.	
<b>7</b> Frequency Variation	 A change in frequency stability	Resulting from generator or small co-generation sites being loaded and unloaded. Frequency variation can cause erratic operation, data loss, system crashes and equipment damage.	
<b>8</b> Switching Transient	 Instantaneous and under-voltage (notch) in the range of nanoseconds	Normal duration is shorter than a spike and generally falls in the range of nanoseconds.	
<b>9</b> Harmonic Distortion	 Distortion of the normal line waveform, generally transmitted by nonlinear loads	Switch mode power supplies, variable speed motors and drives, copiers and fax machines are examples of non-linear loads. Can cause communication errors, overheating and hardware damage.	

\*Reference IEEE E-050R & old FIPS PUB 94

# SELECTING A UPS

## Which UPS is Right for Your Customer?

Our approach to power protection revolves around the nine most common power problems present in any work environment. You can choose from a variety of power protection devices with varying levels of effectiveness and price that will shield critical data and equipment from some or all of the nine power problems.

Eaton's Series 3, Series 5 and Series 9—or select from an assortment of our MGE Office Protection Systems family solutions to address your customer's requirements. To choose the UPS that is right for your customer, first determine the level of power protection that is needed. It is obvious that the ideal is to provide the full protection from all power problems afforded by a Series 9 UPS. But there may be applications where the power quality is known to be high, where the load is not considered critical or where budget considerations force a compromise.

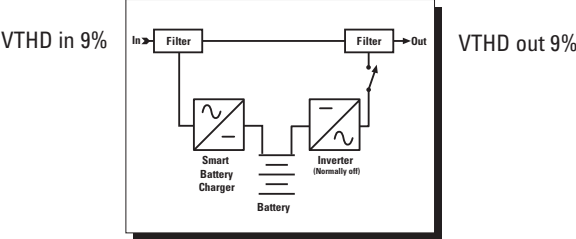
### What the Experts Say:

*Institute of Electrical and Electronic Engineers (IEEE)*

Power equipment is susceptible to mis-operation caused by harmonic distortion. General harmonic distortion limits are recommended in IEEE Table 3.3.1 for systems operating at less than 69 kV: less than 5.0% voltage total harmonic distortion (THD) and less than 3.0% individual harmonic voltage distortion.

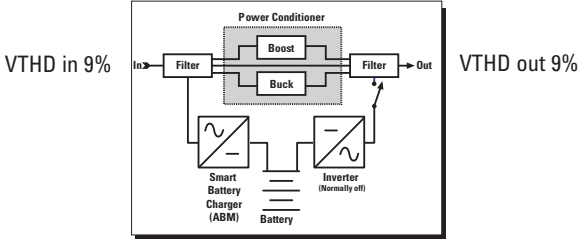
### Series 3 UPS

The Series 3 UPS offers a low-price solution to environments requiring minimal power protection. Utility power is provided during normal operation. Harmonic distortion present in the utility line passes through to the load.



### Series 5 UPS

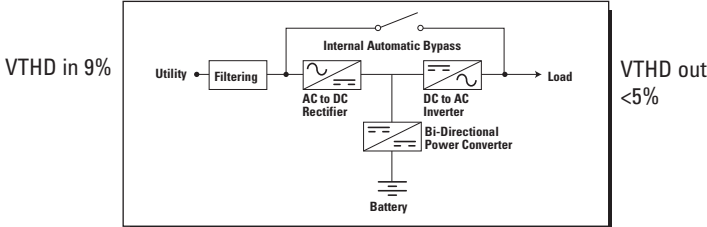
Series 5 UPSs provide basic power protection at mid range prices. Line-interactive UPSs provide more voltage regulation than off-line. Harmonic distortion, however, passes through unaffected.



### Series 9 UPS

Series 9 UPSs are ideally suited to protect critical equipment. Online UPSs protect against all types of power problems and continuously use the inverter to create clean, new, regulated power. Harmonic distortion, no matter how high, cannot pass through to the load.

Eaton Series 9 UPSs isolate equipment from harmonic distortion and are strongly recommended for critical applications that must meet the 5% maximum harmonic requirement stated in major computer manufacturer specifications and installation guides.



### Eaton's MGE Office Protection Systems UPS Solutions

Address power protection, distribution and management needs for a variety of applications. Our MGE Office Protection Systems family solutions range from low-cost products for general PC and SOHO equipment to line-interactive and double-conversion UPS solutions to manage mission-critical requirements.



## ABM TECHNOLOGY

# ABM Technology Prevents Premature Failure and Significantly Extends Battery Service Life

Batteries are the most critical component in the reliability of any UPS, but they face three fundamental challenges:

### All Batteries Need Charging

But extended charging significantly shortens battery life. Most batteries are charged with a trickle-charging process (a constant voltage feeding a low current to the battery). This method dries the electrolyte and corrodes the plates, reducing potential life by up to 50%.

### Batteries Take Time to Recharge

Users can't wait. During prolonged power outages, the UPS batteries will discharge and not recharge until the power returns. When there is a subsequent power failure before the batteries recharge, the computer will not have full backup time. Overly rapid-charging can cause premature battery failure, so the trick is to charge at the fastest rate that is safe for the battery.

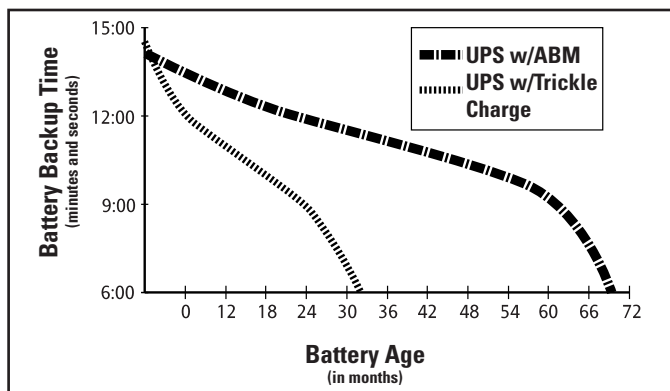


Figure 1

### All Batteries Will Eventually Fail

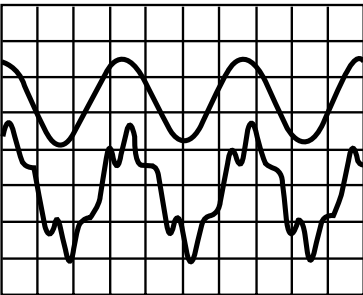
The question isn't "Will it happen?" but "When will it happen?" Because UPS batteries are valve-regulated, sealed lead acid, there has previously been no practical way to provide the user with any meaningful advance notice that batteries need to be replaced. In the past, the only way to know when the batteries were dead was when the power failed and took your computer down with it. Until now, typical UPS batteries have required replacement every two to three years.

Our exclusive ABM® technology solves these UPS battery problems. It significantly increases the life of UPS batteries (see Figure 1), provides the fastest safe recharge time and provides reliable advanced notice when the batteries need replacement. By extending battery life and virtually eliminating this major cause of surprise load crashes, we are able to offer the industry's longest and most inclusive warranties on all products that incorporate ABM. No other manufacturer can make this statement.

ABM technology is available on the 5115, 5125, 9120, 9125, 9130, 9140, 9155, 9170+, 9355, 9390IT and BladeUPS.

# HARMONIC DISTORTION

## What's the Harm in Harmonics?



This is a variety of harmonic frequencies superimposed on the desirable sine wave frequency passed back along the local power grid to other equipment throughout an entire office building or local neighborhood. The effect is measured by % VTHD, a measure of the amount of voltage variation within the waveform.

### A concise report on the effects of harmonic distortion on computers

1. The adverse effects of harmonics on electrical power systems are well known. International standards exist to help manage the injection of harmonic currents into the power system.
2. A pure sine wave consists of a single fundamental frequency. Most waves are complex and can be broken down into a series of harmonics. For instance, the 3rd harmonic of the fundamental frequency 60 Hz is 180 Hz. The opposite end of the scale from a pure sine wave is a square wave, which contains all the odd harmonics of a fundamental frequency starting with the 3rd harmonic and extending to infinity.
3. Harmonic distortion is a measure of the ratio between the fundamental and the harmonics that are present in a wave-shape.
4. Distortion is caused by non-linear loads drawing non-sinusoidal currents.
5. Non-linear loads include such office equipment as computers (draw 3rd and 5th harmonics), lighting (ballasts produce 3rd and 5th), transformers (3rd component), power converters (variable speed drives, UPS, electronic ballasts produce 3rd, 5th, 7th and 11th) and commercial appliances such as photocopiers and printers.
6. The harmonic currents in a distribution system have the following undesirable effects:
  - a. Significant effects on the performance of computer power supplies.
  - b. Heating of magnetic devices, which can cause premature insulation failure and breakdown.
  - c. Triple harmonics produce higher than expected neutral currents, potentially resulting in insulation damage and breakdown due to temperature rise.
  - d. High neutral currents cause additional voltage drops, reducing available voltage and introducing even more distortion at the load. The resulting neutral-to-ground voltage also causes parasitic ground currents.
  - e. Additional losses resulting in higher energy costs.
  - f. Failure of power factor correction capacitors or increased resonance that leads to an even higher order of distortion.
  - g. High frequency fields that can introduce buzz into telephone lines and corrupt data in adjacent data lines.
  - h. Stray magnetic fields can introduce annoying interference patterns in VDTs.
  - i. Undesirable ground currents may cause upstream GFI (ground fault interrupter) to trip, degrading power availability.



A Series 9 UPS is the best way to protect critical computer equipment from all potentially harmful power problems.

### Computer loads

Computer power supplies are usually designed to operate over a range of AC input voltages. They produce a DC voltage that is affected by the wave shape of the AC waveform. Harmonic distortion has the effect of actually reducing the computer power supply's operating voltage. That variation is compounded by the normal variation of 10%. The end result is that the computer supply may malfunction, hiccup or fail to provide the required output logic voltages, resulting in potential bit errors. A further negative side-effect of effectively lowering the computer's operating voltage range is the reduction of hold-up time, essential for the ability of the power supply to ride through power sags (caused by other equipments' startups). The result is more potential bit errors. The simple fact is that the harmonic distortion prevalent in the modern office has a direct pathway to your computer power supplies, and once there it can cause data loss and other operating errors.

# HARMONIC DISTORTION

## Eaton UPSs Address Harmonics

### Harmonics are Everywhere

#### Case Study—Electronics:

A large computer chip manufacturer had frequent untraceable errors in a product testing lab. This meant that the reason a test failed could not be confirmed or repeated. Was there a problem with the product, or was the test environment causing these errors? Measurements revealed excessive levels of harmonic distortion in the voltage supplied to their equipment. When the harmonic distortion problem was treated, the untraceable errors disappeared.

#### Case Study—Broadcasting:

A broadcaster was experiencing lock-ups of mixing boards and program corruption of video routers. On one occasion, during a live broadcast, a video mixer became inoperable resulting in the completion of the broadcast from a single camera position. Measurements revealed excessive levels of harmonic distortion in the voltage supplied to this equipment. When the harmonic distortion was removed the operational problems disappeared.

There are many similar examples where electronic equipment such as computers, telecommunications and broadcast equipment suffers the consequences of harmonic distortion. The reality is that this equipment is sensitive to the quality of the voltage waveform. In order to ensure the proper operation of this equipment, voltage must be free of distortion.

### Power Consultants Warn:

- A site may not have an overload or unsafe condition now, but the owner needs to be on guard against this harmonic threat.

### Effects of Harmonics

- High levels of harmonics result in erratic or subtle malfunctions of equipment that can have serious consequences.
- Overheating could cause overvoltage damage and premature failure to computers and office equipment.
- High harmonic levels can fool certain control circuits into erroneous operation. CPU clock timing operations can be falsely triggered.
- Intermittent electrical noise is intense enough to corrupt digital signals and cause malfunctions.
- Distortion of voltage is severe enough to impair ride-through capabilities of computers and related equipment.

### Competitor Response

- Harmonic voltages have virtually no effect on modern computers, but can cause overheating in some cases.
- The UPS may operate in backup mode much more often than usual due to the poor quality of the AC power source (source with severe line voltage distortion).

### Independent Evaluation of Competitor Series 5 UPS

- The APC Smart-UPS® momentarily transfers to inverter for almost any voltage anomaly.
- UPS equipment worked properly with harmonic distortion levels below 5% THD. As distortion levels increased, more interaction was noted. At 8.66% THD, the competitor UPS would not operate from the test voltage until the sensitivity switch on the back of the unit was set to a more tolerant position.

### What Does It Mean?

1. Harmonics will cause sensitive equipment to crash and fail prematurely.
2. Line-interactive technology may not protect the sensitive equipment from harmonics.
3. Double-conversion and FERRO UPSs are recommended to protect sensitive equipment from harmonics.

# RECEPTACLE CHART

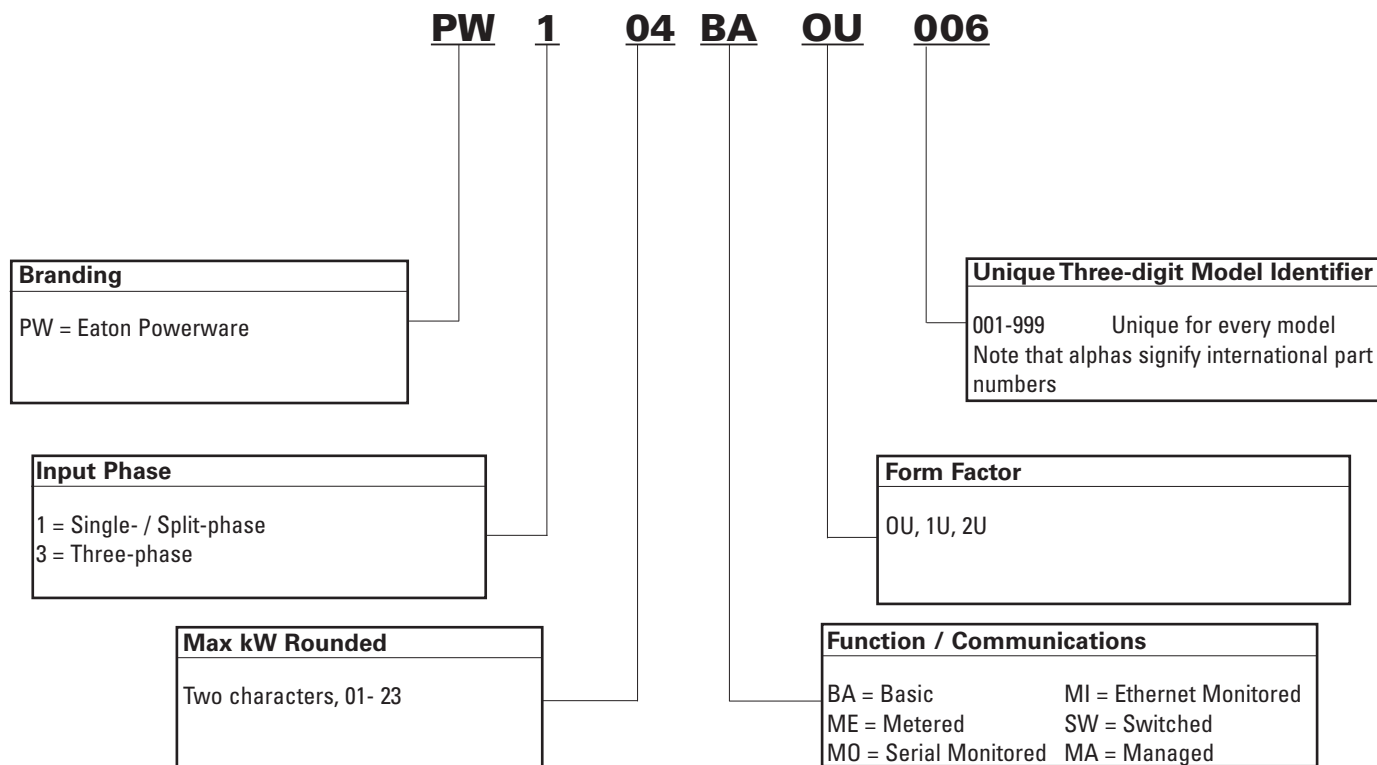
## Input Plug and Output Receptacle Chart

<p>5-15R</p> 	<p>5-15P</p> 	<p>5-20R</p> 	<p>5-20P</p> 
<p>L5-30R</p> 	<p>L5-30P</p> 	<p>6-15R</p> 	<p>6-15P</p> 
<p>L6-20R</p> 	<p>L6-20P</p> 	<p>IEC-320-C13 (female)</p> 	<p>IEC-320-C14 (male)</p> 
<p>L14-30R</p> 	<p>L14-30P</p> 	<p>IEC-320-C19 (female)</p> 	<p>IEC-320-C20 (male)</p> 
<p>L6-30R</p> 	<p>L6-30P</p> 	<p>IEC-309, 16A</p> 	<p>IEC-309, 32A</p> 

R indicates receptacle  
P indicates plug  
L indicates locking plug or receptacle

# EATON PART NUMBER ORDERING INSTRUCTIONS FOR ePDUs

Eaton is now employing the use of smart part numbers to help our customers design the product that fits their needs and makes ordering a snap. Follow the example below to see how to easily select your product's features and create the catalog number for your order.



# EATON POWER DISTRIBUTION AND ENCLOSURES

## ePDUs

Eaton ePDUs feature the broadest portfolio in the industry across all power densities and technologies to satisfy the needs of every data center.

- Vertical 0U or horizontal 1U/2U configurations
- Six technologies: managed, switched, monitored, metered, basic or eATS
- Custom designs on request

Eaton ePDUs are stocked in the Eaton warehouse network to support instant status and short lead times.

All ePDU® products are categorized between numbers 1 and 2 in the inventory column. ePDUs coded as inventory status 1 are top sellers and will have the highest availability and same-day shipping. Products coded as 2 are stocked but will have lesser availability. Always consult the inside sales representative team for real-time product availability.



### ePDUs

Part Number	Inventory	Max. kW	Function	Cord Length	Input Connection	Output Receptacles (Quantity)	Dimensions (H x W x D, inches)	List Price
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**Basic ePDUs**—Designed for reliable and cost effective power distribution; basic ePDUs have the form factor and receptacle choices to meet the needs of demanding data center architects.

#### Vertical Mount 0U Models

PW101BA0U011	2	1.44	BA	15'	5-15	5-15 (6)	14.0 x 2.1 x 1.3	\$149
PW101BA0U012	2	1.44	BA	15'	5-15	5-15 (4)	24.0 x 2.1 x 1.3	\$89
PW101BA0U013	2	1.44	BA	15'	5-15	5-20 (6)	30.0 x 2.1 x 1.3	\$89
PW101BA0U014	2	1.44	BA	15'	5-15	5-20 (8)	48.0 x 2.1 x 1.3	\$99
PW102BA0U015	2	1.92	BA	15'	5-20	5-20 (8)	48.0 x 2.1 x 1.3	\$109
PW102BA0U016	2	1.92	BA	15'	5-20	5-20 (12)	72.0 x 2.1 x 1.3	\$129
PW102BA0U017	2	1.92	BA	15'	5-20	5-20 (8)	16.0 x 2.1 x 1.3	\$99
PW102BA0U019	2	1.92	BA	15'	5-20	5-20 (12)	60.0 x 2.1 x 1.3	\$129
PW102BA0U020	2	1.92	BA	15'	5-20	5-20 (10)	24.0 x 2.1 x 1.3	\$99
PW102BA0U018	2	1.92	BA	15'	L5-20	5-20 (12)	60.0 x 2.1 x 1.3	\$139
PW102BA0U021	1	1.92	BA	15'	L5-20	5-20 (24)	60.0 x 2.1 x 1.3	\$169
PW102BA0U022	2	1.92	BA	15'	L5-20	5-20 (8)	16.0 x 2.1 x 1.3	\$99
PW102BA0U023	2	1.92	BA	15'	L5-20	5-20 (10)	24.0 x 2.1 x 1.3	\$99
PW103BA0U032	2	2.88	BA	15'	L5-30	5-20 (24)	60.0 x 2.1 x 1.3	\$299
PW103BA0U038	2	3.33	BA	6'	IEC320-C20	IEC320-C13 (8)	15.5 x 1.6 x 1.6	\$139
PW104BA0U042	2	3.84	BA	15'	2 x L5-20	5-20 (2 x 12)	60.0 x 2.1 x 1.3	\$249
PW105BA0U055	2	4.99	BA	10'	L6-30	IEC320-C13 (24), IEC320-C19 (4)	60.0 x 2.2 x 2.0	\$349

#### Horizontal Mount Models

PW101BA1U140	2	1.44	BA	9'	5-15	5-15 (12)	19.0 x 1U x 4.5	\$109
PW102BA1U158	2	1.92	BA	9'	5-20	5-20 (12)	19.0 x 1U x 4.5	\$159
PW102BA1U159	2	1.92	BA	9'	L5-20	5-20 (12)	19.0 x 1U x 7.0	\$159
PW105BA1U163	2	4.99	BA	9'	L6-30	IEC320-C13 (12)	19.0 x 1U x 7.0	\$259

**Metered ePDUs**—Employing multiple configurations, an easy-read digital ammeter and clearly labeled circuits, the metered ePDU assures easy local monitoring of circuit level amperage for today's requirements and future expansion.

#### Vertical Mount 0U Models

PW102ME0U026	2	1.92	ME	15'	5-20	5-20 (8)	24.0 x 2.1 x 1.3	\$199
PW102ME0U028	2	1.92	ME	15'	5-20	5-20 (12)	60.0 x 2.1 x 1.3	\$249
PW102ME0U029	2	1.92	ME	15'	L5-20	5-20 (12)	60.0 x 2.1 x 1.3	\$249
PW102ME0U030	1	1.92	ME	15'	L5-20	5-20 (24)	60.0 x 2.1 x 1.3	\$269
PW103ME0U035	1	2.88	ME	15'	L5-30	5-20 (24)	60.0 x 2.1 x 1.3	\$299
PW103ME0U122	2	3.33	ME	10'	L6-20	IEC320-C13 (24)	36.0 x 2.3 x 2.0	\$329
PW104ME0U043	2	3.84	ME	15'	2 x L5-20	5-20 (2 x 12)	30.0 x 2.2 x 2.1	\$349
<del>PW106ME0U065</del>	<del>2</del>	<del>5.76</del>	<del>ME</del>	<del>10'</del>	<del>2 x L5-30</del>	<del>5-15 (2 x 20)</del>	<del>64.0 x 3.2 x 1.9</del>	<del>\$799</del>
PW110ME0U086	2	9.98	ME	10'	2 x L6-30	IEC320-C13 (2 x 24)	64.0 x 3.2 x 1.9	\$799
PW312ME0U091	2	11.53	ME	10'	2 x L21-20	IEC320-C13 (2 x 36)	64.0 x 3.2 x 1.9	\$799

#### Horizontal Mount Models

PW105ME1U048	2	4.99	ME	10'	L6-30	IEC320-C19 (4)	1U x 19.0 x 4.3	\$349
PW110ME1U083	2	9.98	ME	10'	IEC309-60	IEC320-C19 (6)	1U x 19.0 x 11.8	\$599
PW105ME1U137	2	4.99	ME	10'	L6-30	IEC320-C13 (12)	1U x 19.0 x 7.0	\$369

# EATON POWER DISTRIBUTION AND ENCLOSURES

## ePDUs (continued)

### ePDUs

Part Number	Inventory	Max. kW	Function	Cord Length	Input Connection	Output Receptacles (Quantity)	Dimensions <sup>1</sup> (H x W x D, inches)	List Price
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**Monitored ePDUs**—Designed for high-density, mission-critical server applications, provides maximum power for both standard and blade servers. Monitored ePDUs provide circuit level amperage metering through both a local digital meter and network capabilities. This technology allows the data center manager complete access to power information. (MO = RS232) (MI = Ethernet)

#### Vertical Mount 0U Models

PW105MI0U096	1	4.99	MI	10'	L6-30	IEC320-C13 (24), IEC320-C19 (4)	60.0 x 2.3 x 2.0	\$579
PW105MI0U098	2	4.99	MI	10'	L14-30	5-20 (24)	64.0 x 2.3 x 2.0	\$629
PW105MI0U099	2	4.99	MI	10'	L14-30	IEC320-C13 (24), IEC320-C19 (2), 5-20 (4)	64.0 x 2.3 x 2.0	\$629
PW306MI0U113	1	5.76	MI	10'	L21-20	IEC320-C13 (24), IEC320-C19 (3), 5-20 (6)	64.0 x 2.3 x 2.0	\$579
PW309MI0U114	1	8.65	MI	10'	L21-30	IEC320-C13 (24), IEC320-C19 (9)	68.0 x 2.3 x 2.0	\$799
PW309MI0U115	1	8.65	MI	10'	L21-30	IEC320-C13 (24), IEC320-C19 (3), 5-20 (6)	68.0 x 2.3 x 2.0	\$799
PW110MI0U117 <sup>2</sup>	1	9.98	MI	10'	IEC309-60	IEC320-C13 (18), IEC320-C19 (9)	70.0 x 2.3 x 2.0	\$999
PW110MI0U118 <sup>2</sup>	1	9.98	MI	10'	IEC309-60	IEC320-C13 (42)	70.0 x 2.3 x 2.0	\$999
PW314MI0U173	2	14.40	MI	10'	CS8365	IEC320-C13 (24), IEC320-C19 (4), L6-30(2)	2.3 x 70.0 x 2.0	\$1,349
PW314MI0U174	2	14.40	MI	10'	CS8365	IEC320-C13 (30), IEC320-C19 (6)	2.3 x 70.0 x 2.0	\$1,099
PW306MI0U185	2	5.76	MI	10'	L21-20	5-20 (42)	72.0 x 2.3 x 2.0	\$579
PW101MI0U175	2	1.44	MI	10'	5-15	5-20 (24)	60.0 x 2.2 x 2.0	\$449
PW102MI0U176	2	1.92	MI	10'	5-20	5-20 (24)	60.0 x 2.2 x 2.0	\$469
PW102MI0U177	2	1.92	MI	10'	L5-20	5-20 (24)	60.0 x 2.2 x 2.0	\$479
PW102MI0U179	2	2.88	MI	10'	L5-30	5-20 (24)	68.0 x 2.2 x 2.0	\$529
PW103MI0U180	2	3.33	MI	10'	L6-20	IEC320-C13 (24), IEC320-C19 (4)	48.0 x 2.2 x 2.0	\$449
PW306MI0U181	2	5.76	MI	10'	L21-20	5-20 (21), L6-20 (6)	72.0 x 2.2 x 2.0	\$579
PW306MI0U182	2	5.76	MI	10'	L21-20	IEC320-C13 (36), IEC320-C19 (6)	70.0 x 2.2 x 2.0	\$579
PW309MI0U183	2	8.65	MI	10'	L21-30	IEC320-C13 (42)	72.0 x 2.2 x 2.0	\$799

#### Horizontal Mount Models

PW102MI1U160	2	1.92	MI	9'	L5-20	5-20 (12)	1U x 19.0 x 7.0	\$469
PW103MI1U161	2	2.88	MI	9'	L5-30	5-20 (12)	1U x 19.0 x 7.0	\$529
PW103MI1U162	2	3.33	MI	9'	L6-20	IEC320-C13 (12)	1U x 19.0 x 7.0	\$489
PW105MI1U164	2	4.99	MI	9'	L6-30	IEC320-C13 (12)	1U x 19.0 x 7.0	\$649
PW105MI1U165	2	4.99	MI	9'	L6-30	IEC320-C13 (6), IEC320-C19 (4)	1U x 19.0 x 7.0	\$649
PW306MI2U166	2	5.76	MI	9'	L21-20	IEC320-C13 (18), IEC320-C19 (3)	2U x 19.0 x 17.0	\$699
PW309MI2U167	2	8.65	MI	9'	L21-30	IEC320-C13 (18), IEC320-C19 (3)	2U x 19.0 x 17.0	\$899
PW110MI2U168 <sup>2</sup>	2	9.98	MI	9'	IEC309-60	IEC320-C19 (12)	2U x 19.0 x 17.0	\$999
PW317MI2U141 <sup>3</sup>	1	17.29	MI	10'	IEC309-60	IEC320-C19 (12)	2U x 19.0 x 17.0	\$1,349

**Switched ePDUs**—For receptacle level control choose switched ePDUs, which allow the user to remote reboot or lockout individual receptacles. Switched ePDUs also employ local meters as well as networking capability via either Ethernet or serial connections. Local LEDs show the status of receptacles and an accessories port allows for temperature and humidity probes to manage local environmental conditions.

#### Vertical Mount 0U Models

PW102SW0U150	2	1.92	SW	9'	L5-20	5-15 (8)	42.0 x 1.89 x 2.0	\$779
PW102SW0U151	1	1.92	SW	9'	L5-20	5-15 (24)	70.0 x 1.89 x 2.0	\$899
PW103SW0U152	2	2.88	SW	9'	L5-30	5-15 (16)	70.0 x 1.89 x 2.0	\$899
PW103SW0U153	2	3.33	SW	9'	L6-20	IEC320-C13 (24)	70.0 x 1.89 x 2.0	\$849
PW105SW0U154	1	4.99	SW	9'	L6-30	IEC320-C13 (16)	70.0 x 1.89 x 2.0	\$899
PW306SW0U155	2	5.76	SW	9'	L21-20	5-15 (24)	70.0 x 1.89 x 2.0	\$1,049
PW306SW0U156	1	5.76	SW	9'	L21-20	IEC320-C13 (24)	70.0 x 1.89 x 2.0	\$1,049
PW309SW0U178	2	8.65	SW	9'	L21-30	IEC320-C13 (24)	70.0 x 1.89 x 2.0	\$1,199

1. Dimensions are actual, not shipping

2. This ePDU is 3-wire

3. This ePDU is 4-wire

# EATON POWER DISTRIBUTION AND ENCLOSURES

## ePDUs (continued)

### ePDUs

Part Number	Inventory	Max. kW	Function	Cord Length	Input Connection	Output Receptacles (Quantity)	Dimensions (H x W x D, inches)	List Price
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**Managed ePDUs**—For the ultimate in control, Eaton offers the managed ePDU. Powered by revelation technology, the managed ePDU provides receptacle level control, remote reboot and lockout, as well as receptacle level metering capabilities. All data can be viewed from a local display or via a robust networking capability. Local LEDs show the status of receptacles and an accessories port allows for temperature and humidity probes to manage local environmental conditions.

#### Vertical Mount 0U Models

PW102MA0U025	1	1.92	MA	10'	L5-20	5-15 (20)	71.0 x 2.3 x 2.0	\$1,299
PW103MA0U034	2	2.88	MA	10'	L5-30	5-15 (20)	74.0 x 2.3 x 2.0	\$1,399
PW103MA0U041	1	3.33	MA	10'	L6-20	IEC320-C13 (20)	71.0 x 2.3 x 2.0	\$1,399
PW105MA0U057	2	4.99	MA	10'	L6-30	IEC320-C13 (12)	58.0 x 2.3 x 2.0	\$1,199

**eATS**—Providing in-rack power distribution for redundant protection for single corded loads; all eATS (enclosure-based automatic transfer switch) products are designed with two input connections and an auto-transfer switch. These products can be used to power single corded loads with either utility/UPS or UPS/UPS feeds.

#### Horizontal Mount Models

PWATSSC20001	2	3.33	BA	NA	C20	IEC320-C13 (8), IEC320-C19 (1)	19.0 x 1.75 x 7.0	\$499
PWATSS515002	2	1.44	BA	9'	5-15	5-15 (8)	19.0 x 1.75 x 7.0	\$549
PWATSS520003	2	1.92	BA	9'	5-20	5-20 (8)	19.0 x 1.75 x 7.0	\$549
PWATSL520004	2	1.92	BA	9'	L5-20	5-20 (8)	19.0 x 1.75 x 7.0	\$549
PWATSL530005	2	2.88	BA	9'	L5-30	5-20 (8)	19.0 x 1.75 x 9.0	\$649
PWATSL630006	2	4.99	BA	9'	L6-30	IEC320-C13 (12)	19.0 x 1.75 x 9.0	\$699
PWATSL530007	2	2.88	BA	9'	L5-30	L5-30 (1)	19.0 x 1.75 x 7.0	\$649
PWATSL630008	2	4.99	BA	9'	L6-30	L6-30 (1)	19.0 x 1.75 x 7.0	\$649



# EATON POWER DISTRIBUTION AND ENCLOSURES

## Enclosures

Eaton enclosure solutions represent the first critical step in planning an ideal data center and complement a comprehensive power management portfolio that includes rackmount UPSs, ePDUs, remote power panels (RPPs) and a host of other power quality equipment. The industry leader in power quality is now the single source for your data center requirements—from planning and turnkey installation to services for the life of your data center.

- Highly functional and stylish, value packed and competitively priced
- Perforated doors exceed server air flow requirements
- Split rear doors minimize floor space requirements and provide ease of installation and maintenance
- Floating 19" rails provide more room for 0U cable management and ePDU installations
- Z-server rails offer additional mounting locations for ePDUs and cable management
- Internal, welded frame with repetitive hole pattern delivers high load bearing capacity and additional mounting locations
- Internal door hinges offer a high level of cabinet security; door stiffeners offer mounting locations for fan trays



### ENCLOSURES

Description	Part Number	Dimensions (H x W x D, inches)	Shipping Dimensions (H x W x D, inches)	Shipping Weight (lb)	List Price
42U Enclosure Split Rear & Sides	PWENC9970936	80.0 x 24.0 x 42.0	83.0 x 32.0 x 48.0	295	\$1,600
42U Enclosure Split Rear No Sides	PWENC9970935	80.0 x 24.0 x 42.0	83.0 x 32.0 x 48.0	257	\$1,400
42U Enclosure Split Rear & Sides & Casters	PWENC9970940	80.0 x 24.0 x 42.0	83.0 x 32.0 x 48.0	305	\$1,800
42U Enclosure Split Rear & Casters, No Sides	PWENC9970939	80.0 x 24.0 x 42.0	83.0 x 32.0 x 48.0	267	\$1,600

### ENCLOSURE OPTIONS

Description	Part Number	Pkg of	Dimensions (H x W x D, inches)	Shipping Dimensions (H x W x D, inches)	Shipping Weight (lb)	List Price
Sidewalls—pair, black	PWENC9970941	1	80.0 x 1.0 x 42.0	80.0 x 4.0 x 42.0	105	\$300
Casters, Uninstalled	PWACC9970942	4	2.0 x 4.0 x 4.0	10.0 x 24.0 x 24.0	15	\$225
M6 Captive Nuts	PWACC9970943	50	-	Bag	-	\$50
M6 Phillips Screws	PWACC9970944	100	-	Bag	-	\$25
Baying Kit	PWACC9970945	6	-	Bag	2.	\$30
Mounting Plate	PWACC9970946	4	2.87 x .66	Bag	3	\$80
Bolt Down Kit	PWACC9970947	4	-	Bag	3	\$20
1U Tool Less Blanking Panel	PWACC9970948	10	1U x 19.0	10.0 x 10.0 x 24.0	10	\$200
3U Blanking Panel	PWACC9970949	5	3U x 19.0	10.0 x 10.0 x 24.0	20	\$125
19" Toolless Fixed Shelf	PWACC9970950	1	1U x 19.0	1.0 x 24.0 x 24.0	10	\$150
19" Telescoping HD Toolless Shelf	PWACC9970951	1	1U x 19.0	6.0 x 24.0 x 24.0	15	\$350
Heavy Duty Telescopic Rail	PWACC9970952	2	-	4.0 x 2.0 x 24.0	5	\$150
1U Horizontal Rack Mount Manager w/ Cover	PWACC9970953	2	1U x 19.0	4.0 x 4.0 x 19.0	6	\$120
2U Horizontal Rack Mount Manager w/ Cover	PWACC9970954	2	2U x 19.0	4.0 x 4.0 x 24.0	10	\$140
2U Wide x 9U Vertical Manager Kit for Suited Cabinets	PWACC9970955	1	9U x 3.5 x 6.0	5.0 x 5.0 x 16.0	5	\$110
Cover for PWACC9970955	PWACC9970956	4	3.5 x 9U	3.0 x 3.0 x 16.0	6	\$140
Cable Management—Metal D-Rings	PWACC9970957	10	3.14 x 1.4	8.0 x 8.0 x 8.0	5	\$120
Cable Management—Toolless D-Rings	PWACC9970958	10	-	Bag	1	\$50
Cable Management—Toolless Velcro Strap	PWACC9970959	10	-	Bag	1	\$50
Fan Kit—Split Rear Door, Black, 110V	PWACC9970960	1	-	8.0 x 10.0 x 12.0	12	\$200
Fan Kit—Split Rear Door, Black, 220V	PWACC9970961	1	-	8.0 x 10.0 x 12.0	12	\$200
Fan Kit—Single Rear Door, Black, 110V	PWACC9970962	1	-	6.0 x 10.0 x 20.0	12	\$400
Enclosure Blower 115V 250 cfm	PWACC9970963	1	2U x 19.0	7.0 x 20.0 x 32.0	20	\$750
Filter Assembly for Enclosure Blower	PWACC9970964	1	-	4.0 x 20.0 x 24.0	2	\$200
Replacement Filters for Enclosure Blower	PWACC9970965	12	-	20.0 x 20.0 x 20.0	5	\$500
19" Fixed HD Toolless Shelf	PWACC9970980	1	1U x 19.0	6.0 x 24.0 x 24.0	10	\$275
Toolless ePDU Mounting Bracket—1 ePDU	PWACC9962618	2	2.0 x 1.0	4.0 x 4.0 x 1.0	1	\$50
Toolless ePDU Mounting Bracket—2 ePDUs	PWACC9962619	2	4.0 x 4.0	4.0 x 4.0 x 1.0	1	\$50
Partition Wall for Bayed Enclosures	PWACC9962621	1	77.0 x 40.0	80.0 x 42.0 x 4.0	10	\$400
Roof Mount Cable Manager	PWACC9961554	1	24.0 x 8.0 x 6.0	26.0 x 10.0 x 8.0	8	\$125
Roof Mount Cable Manager for Ladder Rack	PWACC9961555	1	24.0 x 8.0 x 6.0	26.0 x 10.0 x 8.0	8	\$125

# EATON POWER DISTRIBUTION AND ENCLOSURES

## Eaton BladeUPS Maintenance Bypass Cabinet



### K-1 RATED TP-1 TRANSFORMER, 480V IN 208V OUT AND (2) 42-POLE PANELBOARDS

The Eaton BladeUPS Maintenance Bypass Cabinet (MBC) saves money and space in the data center or network operations center while offering three functions in one cabinet. The BladeUPS MBC combines step-down transformation, power distribution (up to 84 pole positions) and maintenance bypass into a single cabinet—the perfect complement to a 60 kVA Eaton BladeUPS system.

- TP-1, K1-rated input transformer—Energy-star efficiency, 480-208/120V, along with integral voltage transformation, electrical isolation and high efficiency
- Integrated maintenance bypass, including maintenance bypass breaker, rectifier input breaker and UPS output breaker, all rated for 225A, for high availability
- Integrated power distribution with two 42-pole Cutler-Hammer® panelboards with no additional footprint
- Multiple power functions in a single cabinet mean efficient use of space
- Free-standing, easy-access design that complements other modern data center equipment while providing ease of installation and use for flexible access and deployment options
- Warranty: Eighteen months

### EATON BLADEUPS MAINTENANCE BYPASS CABINET

Catalog Number	Style Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
124100029-001	124100029-001	MBC for 60 kVA BladeUPS – 2 panels – 480:208V	60 kVA/60 kW	AC input 480V 3 phase 3 wire, ground, 60 Hz	(2) 42-pole panelboards (branch breakers not included)	80 x 30 x 36	1200	\$29,450

## EATON POWER DISTRIBUTION AND ENCLOSURES

### Environmental Rack Monitor (ERM)

- Connect and monitor up to two temperature sensors, two humidity sensors and four input contact sensors
- 0U form factor space saving design; does not take valuable space that can be occupied by servers
- Built-in Web server—access, monitor, configure and even reboot the device from anywhere on the Internet using its own dedicated IP address
- Supports SNMP and comes with its own MIB (Management Information Base). Can integrate with any open-standards based Network Management System (NMS) such as HP OpenView
- One-year warranty on rack monitor and all sensors



#### ENVIRONMENTAL RACK MONITORS

Description	Part Number	Shipping Dimensions (H x W x D, inches)	Shipping Weight (lb)	List Price
Environmental Rack Monitor, 120V AC 2-pin power input	103005775	2.5 x 7.6 x 11.9	1.7	\$379
Environmental Rack Monitor, C13/C14, 100-250V AC, 50/60Hz 3-pin power input	103005912	2.5 x 7.6 x 11.9	2.2	\$379
TH-Module (Black), individual	103005822	2.4 x 6.3 x 8.8	0.7	\$79
Environmental Rack Monitor Water Leak Detector, 3ft	103005780	0.6 x 7.9 x 8.2	0.3	\$129
Environmental Rack Monitor Water Leak Detector, 12ft	103005894	0.6 x 11.2 x 11.4	0.5	\$229
Environmental Rack Monitor Door Contact Sensor	103005781	2.0 x 2.0 x 2.0	0.1	\$25
Environmental Rack Monitor Vibration Sensor	103005782	2.0 x 3.0 x 2.0	0.1	\$29
Environmental Rack Monitor Power Supply, 120V AC	103005783	2.1 x 2.8 x 4.1	0.2	\$19
Environmental Rack Monitor Power Supply, C13/C14 adapter cable, 100-250V AC, 50/60Hz	103005895	2.1 x 2.8 x 4.1	0.2	\$35
Environmental Rack Monitor Smoke Detector/Alarm (220V, IEC C-13)	103005779	2.4 x 6.3 x 8.8	2.2	\$129
Environmental Rack Monitor Smoke Detector/Alarm (110V, 5-15)	103005890	2.4 x 6.3 x 8.8	2.2	\$129

# EATON POWER DISTRIBUTION AND ENCLOSURES

## Remote Power Panel (RPP)

Eaton RPPs deliver unmatched power distribution with up to 168 factory-installed branch breakers in a highly compact footprint. These products offer ease of installation through standard top and bottom cable entry provisions within a free-standing structure. They include extensive monitoring options such as branch circuit monitoring, which allows you to manage and monitor power effectively.

- Unmatched power distribution with a highly compact footprint
- Ease of installation through standard top and bottom cable entry provision
- Extensive monitoring options allow you to manage power effectively
- Factory-tested power distribution to ensure highest reliability
- Flexible expansion for your power distribution within a data center



### REMOTE POWER PANEL

Description	List Price
1 Panel RPP <sup>1</sup>	\$5,530
2 Panel RPP <sup>1</sup>	\$6,405
3 Panel RPP <sup>1</sup>	\$8,310
4 Panel RPP <sup>1</sup>	\$9,185

1. RPPs come with a 225A main breaker for each panelboard. Customers connect directly to each panelboard main breaker.

### OPTIONS

Input Connections Adders	List Price
Direct Connection to Panelboard Main Breaker(s): Front Only	\$0
Direct Connection to Panelboard Main Breaker(s): Front and Back	\$0
Main Incoming Lugs—Front Only	\$920
Main Incoming Lugs—For 2-sided RPP	\$1,610
42 Circuit SqD Panelboard	\$2,050
42-circuit Cutler-Hammer Panelboard (deduct from main price)	\$845

### Monitoring

No meters installed		
Energy Management System—Level 2 (1 source—1 display)	\$2,200	
Energy Management System—Level 3—c/w BCMS (includes Level 2)		
	Panel 1	\$4,625
	Panel 2	\$5,300
	Panel 3	\$7,725
	Panel 4	\$8,400
	For a second display (2 sources—2 displays), add \$2,200 to above	
Modbus Communication Card		\$700
Power Xpert® Gateway Series 1000 Card		\$1,315

### TVSS

TVSS: 80 kA	\$875
TVSS: 160 kA	\$1,130
TVSS: 200 kA	\$1,375
Transient Suppression Plate	\$250

### Branch Breakers

BAB 1 Pole 10–60A (10 kAIC)	\$17
BAB 2 Pole 10–60A (10 kAIC)	\$29
BAB 3 Pole 15–60A (10 kAIC)	\$95
BAB 3 Pole 70–100A (10 kAIC)	\$152
QBH 1 Pole 10–60A (22 kAIC)	\$26
QBH 2 Pole 10–60A (22 kAIC)	\$41
QBH 3 Pole 15–60A (22 kAIC)	\$138
QBH 3 Pole 70–100A (22 kAIC)	\$220

### Other Adders

Barrier Plate—Front to Back (for two separate sources)	\$525
Extra knock-out plates	\$170
Panelboard Isolated Ground Bus per Panel	\$105

**EATON POWER DISTRIBUTION AND ENCLOSURES** *(continued)*

## Remote Power Panel (RPP)

**RPP SERVICE PLANS****PowerTrust Service Plans (on-site 7x24 with 8-hour response, annual RPP PMs)**

Product	Service Plan Part Number	List Price
RPP	PT82CEDX-RPP	\$1,224
RPP with BCMS	PT82CEDX-RPPBC	\$1,434

**PowerTrust Value Service Plans (on-site 5x8 with next business day response, annual RPP PMs)**

Product	Service Plan Part Number	List Price
RPP	PVN3CEXX-RPP	\$869
RPP with BCMS	PVN3CEXX-RPPBC	\$1,024

**Startup and Preventive Maintenance Service**

Product	Description	Part Number	List Price
RPP	Startup 5x8	SU06CXXX-RPP	\$625
RPP with BCMS	Startup 5x8	SU06CXXX-RPPBC	\$1,000
RPP	Startup 7x24	SU05CXXX-RPP	\$800
RPP with BCMS	Startup 7x24	SU05CXXX-RPPBC	\$1,280
RPP	RPP PM 5x8	0006CXXX-RPP	\$490
RPP with BCMS	RPP PM 5x8	0006CXXX-RPPBC	\$550
RPP	RPP PM 7x24	0005CXXX-RPP	\$585
RPP with BCMS	RPP PM 7x24	0005CXXX-RPPBC	\$750

Startup is purchased separately. Call 800-843-9433 for additional services or response time availability. Adders apply for remote locations.

Additional information about service plan features can be found in the Three-phase Service Plans Overview section of this reference guide.

**RPP SPARE PARTS**

Description	Part Number	List Price
RPP "A" Spare Parts Kit (CH panel)	106711205	\$4,234
RPP "A" Spare Parts Kit (SqD panel)	106711206	\$4,234
RPP "C" Spare Parts Kit	106711207	\$2,066

Spare part kit ordering instructions: "A" kits are 80% of parts, "C" kits are consumables or 40% of parts.

## EATON POWER DISTRIBUTION AND ENCLOSURES

### ePDU Cables

- **Adapters** to enable equipment with disparate input/output receptacles to work together
- **Jumpers** to connect two pieces of equipment without cluttering up the cable arrangement
- **Splitters** to add extra equipment to a UPS or PDU without using up more outlets

All Eaton power cables are tested and certified for use with Eaton products, such as enclosure PDUs (ePDUs), rack power modules (RPMs) and UPSs—proven to deliver the reliability and service life needed for the most rigorous data center applications.

- Choose from adapters, jumpers and splitters for any rack power distribution application
- Select from a broad range of input/output connectors
- Streamline cabling in enclosures by deploying exactly the cable length needed
- Count on assured performance with pre-tested products that meet UL and Eaton standards

#### Adapter Cables

Catalog Number	Description	Leads	Main	Output A	Length (ft)	Weight (lbs)	Price
010-9334	8ft IEC320-C19 to 5-15P Adapter cable	1	IEC320-C19	5-15P	8	2	\$20
010-9335	8ft IEC320-C19 to 5-20P Adapter cable	1	IEC320-C19	5-20P	8	2	\$25
010-9336	8ft IEC320-C19 to 6-15P Adapter cable	1	IEC320-C19	6-15P	8	2	\$30
010-9337	8ft IEC320-C19 to 6-20P Adapter cable	1	IEC320-C19	6-20P	8	2	\$30
010-9338	8ft IEC320-C19 to L5-15P Adapter cable	1	IEC320-C19	L5-15P	8	2	\$25
010-9339	8ft IEC320-C19 to L5-20P Adapter cable	1	IEC320-C19	L5-20P	8	2	\$25
010-9340	8ft IEC320-C19 to L6-15P Adapter cable	1	IEC320-C19	L6-15P	8	2	\$30
010-9341	8ft IEC320-C19 to L6-20P Adapter cable	1	IEC320-C19	L6-20P	8	2	\$30
010-0032	8ft IEC320-C19 to 5-15R Adapter cable	1	IEC320-C19	5-15R	8	2	\$14
010-0034	8ft IEC320-C19 to Bare Wire Adapter cable	1	IEC320-C19	Bare Wire	8	2	\$30
010-9342	8ft IEC320-C19 to IEC-320-C20 Adapter cable	1	IEC320-C19	IEC-320-C20	8	2	\$30

# EATON POWER DISTRIBUTION AND ENCLOSURES

## ePDU Cables (continued)

### Jumper Cables

Catalog Number	Description	Leads	Main	Output A	Length (ft)	Weight (lbs)	Price
010-0025	8ft IEC320-C14 to IEC320-C13 Jumper cable	1	IEC320-C14	IEC320-C14	8	1	\$14
010-0027	6ft IEC320-C14 to IEC320-C13 Jumper cable	1	IEC320-C14	IEC320-C14	6	1	\$12
010-0028	4ft IEC320-C14 to IEC320-C13 Jumper cable	1	IEC320-C14	IEC320-C14	4	1	\$10
010-0029	2ft IEC320-C14 to IEC320-C13 Jumper cable	1	IEC320-C14	IEC320-C14	2	1	\$8

### Splitter Cables

Catalog Number	Description	Leads	Main	Output A	Length (ft)	Output B	Length (ft)	Output C	Length (ft)	Weight (lbs)	Price
CBL 139	Splitter Cable L14-30R to (2) L6-30R (4ft/2ft)	2	L14-30P	L6-30R	4	L6-30R	2	–	–	3	\$150
CBL 143	Splitter Cable L14-30R to (2) L5-30R (4ft/2ft)	2	L14-30P	L5-30R	4	L5-30R	2	–	–	3	\$150
CBL 148	Splitter Cable L14-20R to (2) L5-20R (4ft/2ft)	–	L14-20P	L5-20R	4	L5-20R	2	–	–	3	\$150
CBL 149	Splitter Cable L21-30R to (3) L5-30R (4ft/2ft/1ft)	3	L21-30P	L5-30R	4	L5-30R	2	L5-30R	1	5	\$150
CBL 150	Splitter Cable L21-20R to (3) L5-20R (4ft/2ft/1ft)	3	L21-20P	L5-20R	4	L5-20R	2	L5-20R	1	5	\$150

# EATON POWER DISTRIBUTION AND ENCLOSURES

## UL Listed Power Distribution Cables

Eaton's line of liquid-tight power distribution cables minimizes electrical and mechanical disturbances including harmonic distortion. These cables are UL listed for use with Integration Technology Equipment (NEC 645) and are exempt from being secured in place, making your power distribution system completely flexible and cost effective.

- Highly flexible and approved for data center environments (NEC 645)
- Custom configurations and colors available
- Rapid turnaround, 24-hour delivery available



### STANDARD NEMA CABLE

NEMA Type	Hubbell PN	Volts	Amps	Phase	Breaker	Wire Qty	Wire Size	Sealtite	Fixed Price	Price Per Foot
5-15R1	5261	120	15	1	1 Pole	3	12 awg	0.5"	\$130.00	\$3.21
5-15R2	5262	120	15	1	1 Pole	3	12 awg	0.5"	\$130.00	\$3.21
5-15R4	5262	120	15	1	1 Pole	3	12 awg	0.5"	\$135.00	\$3.21
5-20R1	5361	120	20	1	1 Pole	3	12 awg	0.5"	\$135.00	\$3.21
5-20R2	5362	120	20	1	1 Pole	3	12 awg	0.5"	\$110.00	\$3.21
5-20R4	5362	120	20	1	1 Pole	3	12 awg	0.5"	\$140.00	\$3.21
5-30R1	9308	120	30	1	1 Pole	3	10 awg	0.5"	\$140.00	\$3.94
5-50R1	9360	120	50	1	1 Pole	3	8 awg	0.5"	\$185.00	\$7.19
6-15R1	5661	208	15	1	2 Pole	3	12 awg	0.5"	\$130.00	\$3.21
6-15R2	5662	208	15	1	2 Pole	3	12 awg	0.5"	\$125.00	\$3.21
6-15R4	5662	208	15	1	2 Pole	3	12 awg	0.5"	\$170.00	\$3.21
6-20R1	5465	208	20	1	2 Pole	3	12 awg	0.5"	\$145.00	\$3.21
6-20R2	5462	208	20	1	2 Pole	3	12 awg	0.5"	\$135.00	\$3.21
6-20R4	5462	208	20	1	2 Pole	3	12 awg	0.5"	\$185.00	\$3.21
6-30R1	9330	208	30	1	2 Pole	3	10 awg	0.5"	\$140.00	\$3.94
14-20R1	8410	120/208	20	1	2 Pole	4	12 awg	0.5"	\$150.00	\$3.62
14-30R1	9430	120/208	30	1	2 Pole	4	10 awg	0.5"	\$185.00	\$4.36
14-50R1	9450	120/208	50	1	2 Pole	4	8 awg	0.75"	\$295.00	\$7.80
L5-15R1	4710	120	15	1	1 Pole	3	12 awg	0.5"	\$140.00	\$3.21
L5-15R2	4700	120	15	1	1 Pole	3	12 awg	0.5"	\$140.00	\$3.21
L5-20R1	2310	120	20	1	1 Pole	3	12 awg	0.5"	\$125.00	\$3.21
L5-30R1	2610	120	30	1	1 Pole	3	10 awg	0.5"	\$145.00	\$3.94
L6-15R1	4560	208	15	2	2 Pole	3	12 awg	0.5"	\$135.00	\$3.21
L6-15R2	4550	208	15	2	2 Pole	3	12 awg	0.5"	\$135.00	\$3.21
L6-20R1	2320	208	20	2	2 Pole	3	12 awg	0.5"	\$125.00	\$3.21
L6-30R1	2620	208	30	2	2 Pole	3	10 awg	0.5"	\$140.00	\$3.94
L14-20R1	2410	120/208	20	2	2 Pole	4	12 awg	0.5"	\$145.00	\$3.62
L14-30R1	2710	120/208	30	2	2 Pole	4	10 awg	0.5"	\$170.00	\$4.36
L15-20R1	2420	208	20	3	3 Pole	4	12 awg	0.5"	\$175.00	\$3.62
L15-30R1	2720	208	30	3	3 Pole	4	10 awg	0.5"	\$185.00	\$4.36
L21-20R1	2510	208	20	3	3 Pole	5	12 awg	0.5"	\$160.00	\$4.36
L21-30R1	2810	208	30	3	3 Pole	5	10 awg	0.5"	\$185.00	\$4.99

Notes: See page 23



# EATON POWER DISTRIBUTION AND ENCLOSURES

## UL Listed Power Distribution Cables *(continued)*

### NEMA "IG" ISOLATED GROUND CABLE

NEMA Type	Hubbell PN	Volts	Amps	Phase	Breaker	Wire Qty	Wire Size	Sealtite	Fixed Price	Price Per Foot
5-15R1 IG	5261	120	15	1	1 Pole	4	12 awg	0.5"	\$120.00	\$3.62
5-15R2 IG	5262	120	15	1	1 Pole	4	12 awg	0.5"	\$125.00	\$3.62
5-15R4 IG	5262	120	15	1	1 Pole	4	12 awg	0.5"	\$160.00	\$3.62
5-20R1 IG	5361	120	20	1	1 Pole	4	12 awg	0.5"	\$130.00	\$3.62
5-20R2 IG	5362	120	20	1	1 Pole	4	12 awg	0.5"	\$125.00	\$3.62
5-20R4 IG	5362	120	20	1	1 Pole	4	12 awg	0.5"	\$165.00	\$3.62
5-30R1 IG	9308	120	30	1	1 Pole	4	10 awg	0.5"	\$160.00	\$4.41
6-15R1 IG	5661	208	15	1	2 Pole	4	12 awg	0.5"	\$195.00	\$3.62
6-15R2 IG	5662	208	15	1	2 Pole	4	12 awg	0.5"	\$205.00	\$3.62
6-15R4 IG	5662	208	15	1	2 Pole	4	12 awg	0.5"	\$325.00	\$3.62
6-20R1 IG	5465	208	20	1	2 Pole	4	12 awg	0.5"	\$210.00	\$3.62
6-20R2 IG	5462	208	20	1	2 Pole	4	12 awg	0.5"	\$235.00	\$3.62
6-20R4 IG	5462	208	20	1	2 Pole	4	12 awg	0.5"	\$370.00	\$3.62
6-30R1 IG	9330	208	30	1	2 Pole	4	10 awg	0.5"	\$255.00	\$4.41
L5-15R1 IG	4710	120	15	1	1 Pole	4	12 awg	0.5"	\$175.00	\$3.62
L5-15R2 IG	4700	120	15	1	1 Pole	4	12 awg	0.5"	\$140.00	\$3.62
L5-20R1 IG	2310	120	20	1	1 Pole	4	12 awg	0.5"	\$135.00	\$3.62
L5-30R1 IG	2610	120	30	1	1 Pole	4	10 awg	0.5"	\$155.00	\$4.41
L6-15R1 IG	4560	208	15	2	2 Pole	4	12 awg	0.5"	\$140.00	\$3.62
L6-15R2 IG	4550	208	15	2	2 Pole	4	12 awg	0.5"	\$135.00	\$3.62
L6-20R1 IG	2320	208	20	2	2 Pole	4	12 awg	0.5"	\$135.00	\$3.62
L6-30R1 IG	2620	208	30	2	2 Pole	4	10 awg	0.5"	\$165.00	\$4.41
L14-20R1 IG	2410	120/208	20	2	2 Pole	5	12 awg	0.5"	\$155.00	\$4.36
L14-30R1 IG	2710	120/208	30	2	2 Pole	5	10 awg	0.5"	\$200.00	\$4.99
L15-20R1 IG	2420	208	20	3	3 Pole	5	12 awg	0.5"	\$205.00	\$4.36
L15-30R1 IG	2720	208	30	3	3 Pole	5	10 awg	0.5"	\$235.00	\$4.99
L21-20R1 IG	2510	208	20	3	3 Pole	6	12 awg	0.5"	\$170.00	\$4.67
L21-30R1 IG	2810	208	30	3	3 Pole	6	10 awg	0.5"	\$205.00	\$5.51

Notes:

1. For the cables that have 0.5" conduit, to go to 0.75" conduit, please add \$1.05 per foot to the above list price.
2. For the cables that have 12 awg wire, to go to 10 awg wire conduit, please add \$1.00 per foot to the above list price.
3. Breakers are NOT included in the base price above.
4. The above pricing does NOT include shipping costs.
5. Please see the Cables specifications or contact the factory for details.
6. Add .63 per FT for colored LT.
7. For separate circuits for quads etc, must call for quote.

# EATON POWER DISTRIBUTION AND ENCLOSURES

## UL Listed Power Distribution Cables *(continued)*

### RUSSELLSTOLL & IEC CABLES

Device	Volts	Amps	Phase	Breaker	Wire Qty	Wire Size	Sealtite	Fixed Price	Price Per Foot
RS3913	250	20	2	2 Pole	3	12 awg	0.5"	\$650.00	\$3.21
RS3743	250	20	2	2 Pole	3	12 awg	0.5"	\$845.00	\$3.21
RS3913U2	250	20	2	2 Pole	3	12 awg	0.5"	\$665.00	\$3.21
RS3914	250	20	3	3 Pole	4	12 awg	0.5"	\$755.00	\$3.62
RS3933	250	30	2	2 Pole	4	10 awg	0.5"	\$765.00	\$4.36
RS3753	250	30	2	2 Pole	4	10 awg	0.5"	\$825.00	\$4.36
RS3934	250	30	3	3 Pole	4	10 awg	0.5"	\$810.00	\$4.36
RS3754	250	30	3	3 Pole	4	10 awg	0.5"	\$875.00	\$4.36
RS7428-78	600	60	3	3 Pole	4	6 awg	0.75"	\$2,205.00	\$10.82
9C33U0	250	30	2	2 Pole	3	10 awg	0.5"	\$625.00	\$4.36
9C54U2/C75	250	50	3	3 Pole	4	8 awg	0.75"	\$1,080.00	\$9.03
HBL360C6W	250	60	2	2 Pole	3	6 awg	0.75"	\$1,050.00	\$10.82
HBL460C9W	250	60	3	3 Pole	4	6 awg	0.75"	\$945.00	\$15.02
HBL360R9W	250	60	3	3 Pole	4	6 awg	0.75"	\$1,000.00	\$15.02

Notes:

1. For the cables that have 0.5" conduit, to go to 0.75" conduit, please add \$1.05 per foot to the above list price.
2. For the cables that have 12 awg wire, to go to 10 awg wire conduit, please add \$1.00 per foot to the above list price.
3. Breakers are NOT included in the base price above.
4. The above pricing does NOT include shipping costs.
5. Please see the Cables specifications or contact the factory for details.
6. Add .63 list per FT for colored LT.

## EATON POWER DISTRIBUTION AND ENCLOSURES

### UL Listed Power Distribution Cables (*continued*)

#### "FIELD WIRE" CABLES

Description	Device	Volts	Amps	Phase	Breaker	Wire Qty	Wire Size	Sealtite	Fixed Price	Price Per Foot
FW120	N/A	120	15	1	1 Pole	3	12 awg	0.5"	\$130.00	\$3.21
FW130	N/A	120	15	1	1 Pole	3	10 awg	0.5"	\$130.00	\$3.94
FW220	N/A	120	15	1	2 Pole	3	12 awg	0.5"	\$170.00	\$3.21
FW220N	N/A	120	20	1	2 Pole	4	12 awg	0.5"	\$135.00	\$3.62
FW230	N/A	120	20	1	2 Pole	3	10 awg	0.5"	\$135.00	\$3.94
FW230N	N/A	120	20	1	2 Pole	4	10 awg	0.5"	\$175.00	\$4.36
FW320	N/A	120	30	1	3 Pole	4	12 awg	0.5"	\$155.00	\$3.62
FW320N	N/A	208	15	1	3 Pole	5	12 awg	0.5"	\$225.00	\$4.46
FW330	N/A	208	15	1	3 Pole	4	10 awg	0.5"	\$235.00	\$4.36
FW330N	N/A	208	15	1	3 Pole	5	10 awg	0.5"	\$365.00	\$4.99
FW360	N/A	208	20	1	3 Pole	4	6 awg	0.75"	\$140.00	\$13.81
FW360N	N/A	208	20	1	3 Pole	5	6 awg	1.00"	\$270.00	\$16.07
FW3100	N/A	208	20	1	3 Pole	4	3 awg	1.25"	\$420.00	\$33.34
FW3100N	N/A	208	100	1	3 Pole	5	1 awg	1.50"	\$280.00	\$45.05

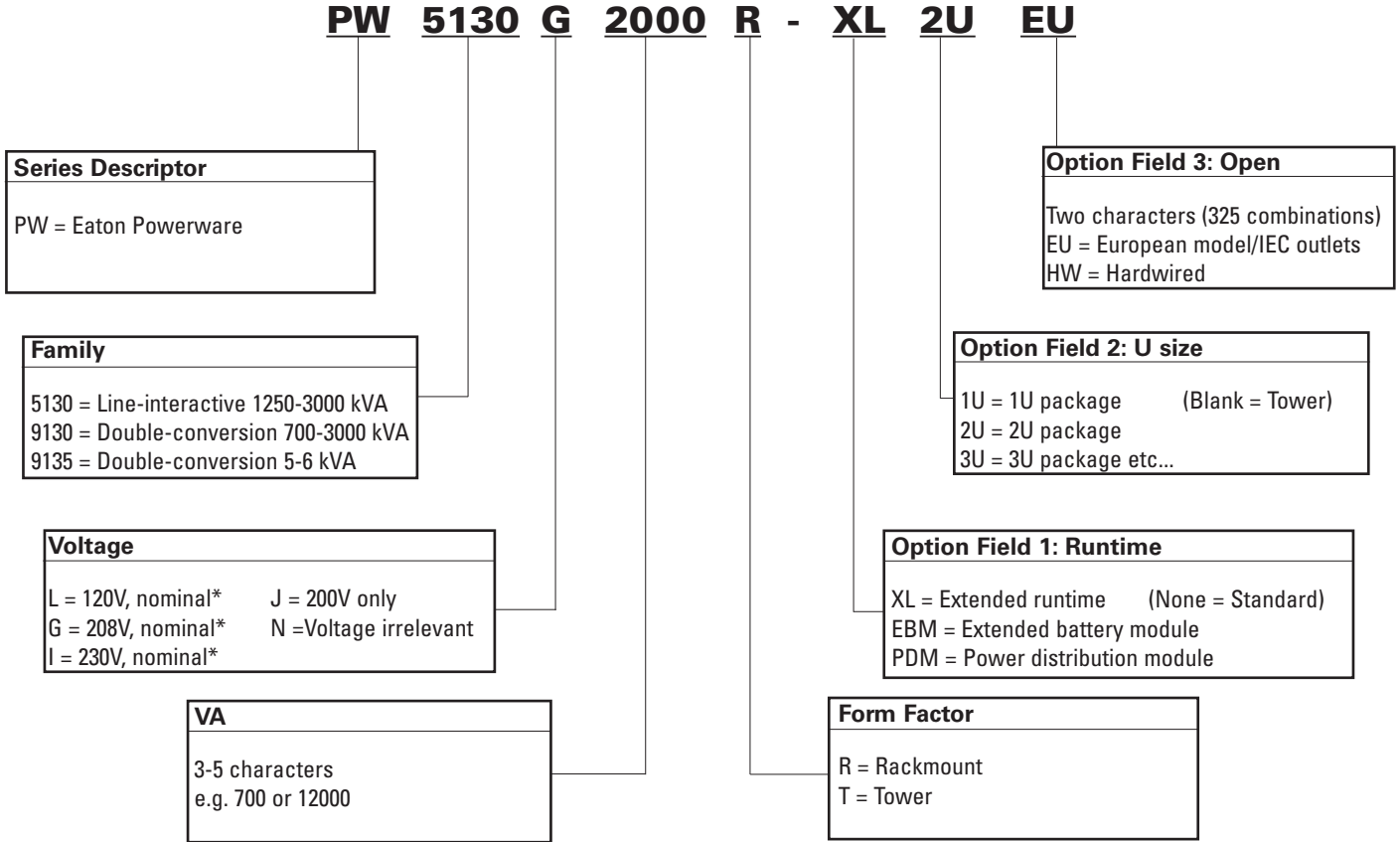
Notes:

1. For the cables that have 0.5" conduit, to go to 0.75" conduit, please add \$1.05 per foot to the above list price.
2. For the cables that have 12 awg wire, to go to 10 awg wire conduit, please add \$1.00 per foot to the above list price.
3. Breakers are NOT included in the base price above.
4. The above pricing does NOT include shipping costs.
5. Please see the Cables specifications or contact the factory for details.
6. For "Field Wire" cables: All single pole field wire cables include a neutral, separate "N" is not required.

# EATON CATALOG NUMBER ORDERING INSTRUCTIONS

## Single-phase Products

Eaton is now employing the use of smart part numbers to help our customers design the product that fits their needs and makes ordering a snap. Follow the example below to see how to easily select your product's features and create the catalog number for your order.



\*Other selectable voltages vary by product

# EATON 3105 UPS

## Standby UPS (500–700 VA)

Protect your small office and home office computer and telephone equipment from the damaging threats that lurk in public utility power especially power outages, sags, and line noise.

- Save space with a compact design that fits easily under a desk or can be conveniently wall-mounted, with quick access to all surge suppression and battery backup receptacles
- Extend UPS service life with user-replaceable batteries
- Protect network-connected equipment from surges coming over LAN or telephone lines
- Be informed of power problems and low battery conditions with audible alarms
- Deliver short-term mobile power with start-on-battery capability
- Warranty (US and Canada): Two-year limited warranty and \$25,000 load protection guarantee; optional Gold Plans available



## 3105 NORTH AMERICAN MODELS: 120V, 50/60 Hz

Model	Part Number	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PW3105 500	103004247-5592	500/300	1.8 meter line cord with 90° 5-15P	(8) 5-15R Outlets (4 Battery Backup & 4 Surge Protection only)	4.4 x 7.0 x 11.0	7.94	\$74
PW3105 700	103004248-5592	700/420	1.8 meter line cord with 90° 5-15P	(8) 5-15R Outlets (4 Battery Backup & 4 Surge Protection only)	4.4 x 7.0 x 11.0	9.70	\$91

## 3105 INTERNATIONAL MODELS: 230V, 50/60 Hz

Model	Part Number	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PW3105 500i	103004250-5592	500/300	IE C14 inlet, 1.8 meter line patch cord IEC to IEC	(8) IEC C13 Outlets (4 Battery Backup & 4 Surge Protection only)	4.6 x 7.0 x 11.0	7.36	\$79
PW3105 700i	103004251-5592	700/420	IE C14 inlet, 1.8 meter line patch cord IEC to IEC	(8) IEC C13 Outlets (4 Battery Backup & 4 Surge Protection only)	4.6 x 7.0 x 11.0	9.17	\$96

## SOFTWARE

LanSafe® software is included free of charge. See the software and connectivity product sections for more detail.

## 3105 SERVICE PLANS

Product	Contract Duration	Gold Plan Part Number	List Price
3105 350–700 VA	3 YR	3XXGX3100XALLCX	\$57
3105 350–700 VA	5 YR	5XXGX3100XALLCX	\$87

Additional information about service plan features can be found in the Single-phase Service Plans Overview section of this reference guide.

## 3105 BATTERY BACKUP TIMES (in minutes)

UPS model	Load (VA)							
	50W	100W	150W	200W	250W	300W	350W	400W
500	43	17	11	6	4	3		
700	53	30	14	9	7	6	4	3

Note: Battery runtimes are approximate and may vary with equipment, configuration, battery age, temperature, etc.

## EATON 5110 UPS

### Line-interactive UPS (500–1500 VA)

Protect your small office and home office computer and telephone equipment from the damaging threats that lurk in public utility power.

- Protect against power outages, surges, sags and line noise
- Save space with a compact design that fits easily under a desk, mounted under a computer terminal, or on a computer shelf with quick access to all receptacles
- Keep essential systems running through power outages by plugging them into receptacles with surge suppression and battery backup
- Conserve battery runtime by plugging non-essential equipment into receptacles that have surge suppression only
- Extend UPS service life with user-replaceable batteries
- Protect network-connected equipment from surges coming over LAN or telephone lines
- USB port and cables are standard
- Be informed of power problems and low battery conditions with audible alarms
- Deliver short-term mobile power with start-on-battery capability
- Warranty (US and Canada): Two-year limited warranty and \$150,000 load protection guarantee; optional Gold Plans available



### 5110 NORTH AMERICAN MODELS: 120V, 50/60 Hz

Model	Part Number	Power Out (VA/Watt)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PW5110 500	103004256-5591	500/300	1.8m line cord with 90 deg. 5-15P	(8) 5-15R Outlets*	10.6 x 3.4 x 10.2	12.1	\$107
PW5110 700	103004257-5591	700/420	1.8m line cord with 90 deg. 5-15P	(8) 5-15R Outlets*	10.6 x 3.4 x 10.2	15.2	\$122
PW5110 1000	103004258-5591	1000/600	1.8m line cord with 90 deg. 5-15P	(8) 5-15R Outlets*	10.6 x 3.4 x 15.1	28.0	\$189
PW5110 1500	103004259-5591	1440/900	1.8m line cord with 90 deg. 5-15P	(8) 5-15R Outlets*	10.6 x 3.4 x 15.1	29.1	\$194

### 5110 INTERNATIONAL MODELS: 230V, 50/60 Hz

Model	Part Number	Power Out (VA/Watt)	Input Connection	Output Receptacles	Dimensions H x W x D (inches)	Weight (lb)	List Price
PW5110 500i	103004261-5591	500/300	IEC C14 inlet, 1.8 meter line patch cord IEC to IEC	(8) IE C13 Outlets*	10.6 x 3.4 x 10.2	13.4	\$121
PW5110 700i	103004262-5591	700/420	IEC C14 inlet, 1.8 meter line patch cord IEC to IEC	(8) IE C13 Outlets*	10.6 x 3.4 x 10.2	16.5	\$128
PW5110 1000i	103004263-5591	1000/600	IEC C14 inlet, 1.8 meter line patch cord IEC to IEC	(8) IE C13 Outlets*	10.6 x 3.4 x 15.1	29.1	\$199
PW5110 1500i	103004264-5591	1500/900	IEC C14 inlet, 1.8 meter line patch cord IEC to IEC	(8) IE C13 Outlets*	10.6 x 3.4 x 15.1	30.2	\$204

\* Four battery backup & surge protection; four surge protection only.

### SOFTWARE

LanSafe software is included free of charge. See the software and connectivity product sections for more detail.

### 5110 SERVICE PLANS

Product	Contract Duration	Gold Plan Part Number	List Price
5110 500–1500 VA	3 YR	3XXGX5100XALLCX	\$99
5110 500–1500 VA	5 YR	5XXGX5100XALLCX	\$169

Additional information about service plan features can be found in the Single-phase Service Plans Overview section of this reference guide.

### Startup and Preventive Maintenance Service

Product	Part Number	List Price	Product	Part Number	List Price
<b>On-site Startup</b>			<b>On-site Preventive Maintenance</b>		
5x8 Service	OSTUP5100XALLC5	\$695	5x8 Service	0XXPM5100XALLC5	\$695
7x24 Service	OSTUP5100XALLC7	\$895	7x24 Service	0XXPM5100XALLC7	\$895

Additional information about service plan features can be found in the Single-phase Service Plans Overview section of this reference guide.

## EATON 5110 UPS *(continued)*

### 5110 BATTERY BACKUP TIMES (in minutes)

Load (VA)	30W	60W	90W	120W	150W	180W	210W	240W	270W	300W	330W	360W	390W	420W
500	52	35	22	14	11	8	6	5	4	3	-	-	-	-
700	63	46	34	23	16	12	10	8	7	6	5	4	4	3
Load (VA)	120W	180W	240W	300W	360W	420W	480W	540W	600W	660W	720W	780W	840W	900W
1000	52	35	23	17	13	10	9	7	5	-	-	-	-	-
1500	62	43	29	20	16	14	12	11	9	8	7	6	5	4.4

Note: Battery runtimes are approximate and may vary with equipment, configuration, battery age, temperature, etc.

# NOVA AVR UPS

## MGE Office Protection Systems family



### Line-interactive UPS (600–1100 VA)

Nova AVR mini-tower form factor, value priced—ideal protection for one to three PCs, either in a business environment or at home.

- Line-interactive technology (automatic voltage correction via booster and fader)
- Wide tolerance to input power fluctuations (89 to 151V)

### NOVA AVR, NEMA 50/60 Hz Models: 120V

Catalog Number	Style Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
NVAL600T-USB	81601	Nova AVR 600 VA with USB port	600/360	5-15P	(3) 5-15R	5.6 x 4.9 x 13.8	15.0	\$142
NVAL1100T-USB	81111	Nova AVR 1100 VA with USB port	1100/660	5-15P	(4) 5-15R	7.4 x 6.7 x 14.8	26.9	\$205

### BATTERY BACKUP TIMES (in minutes)

Load (VA/Watts)	25%	50%	75%	100%
Nova AVR 1100/660	24	10	4	1



# EATON 5115 UPS TOWER

## Line-interactive UPS (500–1400 VA)

The Eaton 5115 UPS offers Series 5 advanced protection for PCs, small-office-home-office equipment, workstations and small networking devices.

- ABM technology significantly increases battery service life
- Pure sine wave output delivers smooth, continuous power
- Buck and Boost voltage regulation corrects incoming voltage fluctuations
- Hot-swappable batteries simplify service
- Network Transient Protector isolates network/phone wiring
- Software Suite CD bundle provides monitoring and shutdown capabilities
- Warranty (US and Canada): Two-year limited warranty and \$150,000 load protection guarantee; optional Gold Plans available



## 5115 NORTH AMERICAN TOWER MODELS: 120V, 50/60 Hz<sup>1</sup>

Model	Part Number	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D inches)	Weight (lb)	List Price
PW5115 500	05146548-5591	500/320	5-15P	(4) 5-15R	7.6 x 5.9 x 10.6	17.2	\$207
PW5115 750	05146554-5591	750/500	5-15P	(4) 5-15R	7.6 x 5.9 x 13.2	27.3	\$300
PW5115 1000	05146560-5591	1000/670	5-15P	(6) 5-15R	7.6 x 5.9 x 13.2	27.8	\$363
PW5115 1400	05146566-5591	1400/950	5-15P	(6) 5-15R	7.6 x 5.9 x 15.4	37.0	\$451

1. Bundled with Software Suite CD and communication cable (DB9f to DB9m P/N 60420064-002).

## 5115 INTERNATIONAL TOWER MODELS: 230V, 50/60 Hz<sup>1</sup>

Model	Part Number	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions H x W x D (inches)	Weight (lb)	List Price
PW5115 500i	05146549-5591	500/320	IEC-320-C14	(4) IEC-320-C13	7.6 x 5.9 x 10.6	17.2	\$207
PW5115 750i	05146555-5591	750/500	IEC-320-C14	(4) IEC-320-C13	7.6 x 5.9 x 13.2	27.3	\$300
PW5115 1000i	05146561-5591	1000/670	IEC-320-C14	(6) IEC-320-C13	7.6 x 5.9 x 13.2	27.8	\$421
PW5115 1400i	05146567-5591	1400/950	IEC-320-C14	(6) IEC-320-C13	7.6 x 5.9 x 15.4	37.0	\$521

1. Bundled with Software Suite CD and communication cable (DB9f to DB9m P/N 60420064-002).

## SOFTWARE

LanSafe software is included free of charge. See the software and connectivity product sections for more detail.

## 5115 SERVICE PLANS

Product	Contract Duration	Gold Plan Part Number	List Price
Domestic models 500–1400 VA	3 YR	3XXGX5115XALLCX	\$99
Domestic models 500–1400 VA	5 YR	5XXGX5115XALLCX	\$169

### Startup and Preventive Maintenance Service

Product	Part Number	List Price	Product	Part Number	List Price
<b>On-site Startup</b>			<b>On-site Preventive Maintenance</b>		
5x8 Service	OSTUP5100XALLC5	\$695	5x8 Service	OXXPM5100XALLC5	\$695
7x24 Service	OSTUP5100XALLC7	\$895	7x24 Service	OXXPM5100XALLC7	\$895

Additional information about service plan features can be found in the Single-phase Service Plans Overview section of this reference guide.

## 5115 BATTERY BACKUP TIMES (in minutes)

Load (VA/Watts)	PW5115 500	PW5115 750	PW5115 1000	PW5115 1400
200/128	17	38	41	58
300/192	11	27	28	41
500/320	5	14	15	28
600/402	–	9	10	19
750/503	–	6	8	14
900/603	–	–	6	10
1000/670	–	–	5	8
1200/804	–	–	–	6
1400/938	–	–	–	5

Note: Runtimes are approximate and may vary with equipment, configuration, battery age, temperature, etc.

# EATON 5115 UPS RACKMOUNT

## Line-interactive UPS (500–1500 VA)

The Eaton 5115 UPS rackmount offers high-density, Series 5 advanced protection for servers, storage systems, network equipment and other critical devices.

- 1U rack height conserves valuable rack space for other critical devices while delivering powerful performance
- Unique chassis design adapts to 19-inch rack, wall-mount, side-cabinet (0U), and bench-top applications
- ABM technology significantly increases battery service life
- True sine wave output delivers smooth, continuous power
- Load segments enable scheduled shutdowns and extend backup time for critical devices
- Hot-swappable batteries minimize downtime
- Standard USB and RS-232 serial ports extend communication capacity; X-Slot® options available
- Bundled software package provides UPS power management, monitoring and automatic shutdown
- Warranty (US and Canada): Two-year limited warranty and \$150,000 load protection guarantee; optional Gold Plans available



PW5115 500 RM should be \$215, not 295.

### 5115 NORTH AMERICAN RACKMOUNT MODELS: 120V, 50/60 Hz<sup>1</sup>

Model	Part Number	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PW5115 500 RM	103003266-6591	500/320	5-15P	(4) 5-15R	1.75 x 17.3 x 22.8	35.2	\$295
PW5115 750 RM	103003269-6591	750/520	5-15P	(4) 5-15R	1.75 x 17.3 x 22.8	41.4	\$454
PW5115 1000 RM	103003272-6591	1000/670	5-15P	(4) 5-15R	1.75 x 17.3 x 22.8	41.4	\$620
PW5115 1500 RM	103003275-6591	1440/1000	5-15P	(4) 5-15R	1.75 x 17.3 x 22.8	48.6	\$771

1. Includes all mounting hardware. Bundled with Software Suite CD and communication cable (DB9f to DB9m, P/N 60420064-002).

### 5115 INTERNATIONAL RACKMOUNT MODELS: 230V, 50/60 Hz<sup>1</sup>

Model	Part Number	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PW5115 500i RM	103003267-6591	500/320	IEC-320-C14	(4) IEC-320-C13	1.75 x 17.3 x 22.8	35.2	\$295
PW5115 750i RM	103003270-6591	750/520	IEC-320-C14	(4) IEC-320-C13	1.75 x 17.3 x 22.8	41.4	\$454
PW5115 1000i RM	103003273-6591	1000/670	IEC-320-C14	(4) IEC-320-C13	1.75 x 17.3 x 22.8	41.4	\$620
PW5115 1500i RM	103003276-6591	1500/1000	IEC-320-C14	(4) IEC-320-C13	1.75 x 17.3 x 22.8	48.6	\$771

1. Includes all mounting hardware. Bundled with Software Suite CD and communication cable (DB9f to DB9m, P/N 60420064-002).

## ENCLOSURES

See the Enclosures section for a comprehensive list of IT enclosure offerings.

## SOFTWARE AND CONNECTIVITY OPTIONS

Bundled with Software Suite CD and communication cable. See the software and connectivity product sections for more detail.

## 5115 RACKMOUNT SERVICE PLANS

Product	Contract Duration	Gold Plan Part Number	List Price
Domestic models 500–1400 VA	3 YR	3XXGX5115XALLCX	\$99
Domestic models 500–1400 VA	5 YR	5XXGX5115XALLCX	\$169

### Startup and Preventive Maintenance Service

Product	Part Number	List Price	Product	Part Number	List Price
<b>On-site Startup</b>			<b>On-site Preventive Maintenance</b>		
5x8 Service	OSTUP5100XALLC5	\$695	5x8 Service	0XXPM5100XALLC5	\$695
7x24 Service	OSTUP5100XALLC7	\$895	7x24 Service	0XXPM5100XALLC7	\$895

Additional information about service plan features can be found in the Single-phase Service Plans Overview section of this reference guide.

## 5115 RACKMOUNT BATTERY BACKUP TIMES (in minutes)

Load (VA/Watts)	PW5115 RM 500	PW5115 RM 750	PW5115 RM 1000	PW5115 RM 1500
200/130	19	37	41	76
300/190	11	25	29	58
500/320	5	13	15	28
750/520	-	6	8	16
900/600	-	-	6	11
1000/670	-	-	5	9
1200/800	-	-	-	8
1440/1000	-	-	-	5

Note: Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

# EVOLUTION UPS

## MGE Office Protection Systems family



### Line-interactive UPS (650–2000 VA)

High density power protection for network devices:

- Rackmount servers
- Conventional rackmount or tower servers
- Network storage systems

### EVOLUTION: 120V NEMA 50/60 Hz MODELS

Catalog Number	Style Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
EVLL650T	81700	Evolution 650 VA Tower	650/420	5-15P	(4) 5-15R	5.8 x 9.2 x 16.5	18.5	\$250
EVLL850T	81703	Evolution 850 VA Tower	850/600	5-15P	(4) 5-15R	5.8 x 9.2 x 16.5	23.9	\$317
EVLL1150T	81705	Evolution 1150 VA Tower	1150/770	5-15P	(4) 5-15R	5.8 x 9.2 x 16.5	27.6	\$375
EVLL1550T	81709	Evolution 1550 VA Tower	1440/1100	5-15P	(4) 5-15R	5.8 x 9.2 x 19.4	36.4	\$459
EVLL650R-1U	81701	Evolution 650 VA Rackmount (1U)	650/420	5-15P	(4) 5-15R	1.7 (1U) x 17.2 x 14.4	22.3	\$283
EVLL850R-1U	81704	Evolution 850 VA Rackmount (1U)	850/600	5-15P	(4) 5-15R	1.7 (1U) x 17.2 x 20.2	35.5	\$448
EVLL1150R-1U	81706	Evolution 1150 VA Rackmount (1U)	1150/770	5-15P	(4) 5-15R	1.7 (1U) x 17.2 x 20.2	36.6	\$556
EVLL1550R-1U	81710	Evolution 1550 VA Rackmount (1U)	1440/1100	5-15P	(4) 5-15R	1.7 (1U) x 17.2 x 21.9	44.1	\$699
EVLSL2000-2U	81712	Evolution 2000 VA Tower/Rack (2U)	2000/1600	5-20P	(6) 5-20R	3.4 (2U) x 17.3 x 20.0	56.7	\$841

### EVOLUTION: 230V INTERNATIONAL MODELS

Catalog Number	Style Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
EVL1650T	68450	Evolution 650 VA Tower	650/420	IEC C14 (10A Socket)	(4) IEC C13 (10A)	5.79 x 9.21 x 16.46	18.5	\$304
EVL1850T	68452	Evolution 850 VA Tower	850/600	IEC C14 (10A Socket)	(4) IEC C13 (10A)	5.79 x 9.21 x 16.46	23.9	\$336
EVL11150T	68454	Evolution 1100 VA Tower	1150/770	IEC C14 (10A Socket)	(4) IEC C13 (10A)	5.79 x 9.21 x 16.46	27.6	\$457
EVL11550T	68457	Evolution 1550 VA Tower	1440/1100	IEC C14 (10A Socket)	(4) IEC C13 (10A)	5.79 x 9.21 x 19.37	36.4	\$549
EVL1650R-1U	68451	Evolution 650 VA Rackmount (1U)	650/420	IEC C14 (10A Socket)	(4) IEC C13 (10A)	1.7 x 17.24 x 14.41	22.3	\$260
EVL1850R-1U	68453	Evolution 850 VA Rackmount (1U)	850/600	IEC C14 (10A Socket)	(4) IEC C13 (10A)	1.7 x 17.24 x 20.20	35.5	\$529
EVL11150R-1U	68455	Evolution 1150 VA Rackmount (1U)	1500/770	IEC C14 (10A Socket)	(4) IEC C13 (10A)	1.7 x 17.24 x 20.16	36.6	\$577
EVL11550R-1U	68458	Evolution 1550 VA Rackmount (1U)	1440/1100	IEC C14 (10A Socket)	(4) IEC C13 (10A)	1.7 x 17.24 x 21.89	44.1	\$901
EVLSI2000-2U	68460	Evolution 2000 VA Tower/Rack (2U)	2000/1600	IEC C14 (10A Socket)	(8) IEC C13 (10A)	3.39 x 17.32 x 20.04	56.7	\$1,017

### EVOLUTION SERVICE PLANS

#### Warranty+ Extended Warranty (Depot Repair)

Product	Contract Duration	Service Plan Part Number	List Price
650 VA	3 YR	650EXWAR1YREVLU	\$80.99
	5 YR	650EXWAR3YREVLU	\$188.99
850 VA	3 YR	850EXWAR1YREVLU	\$80.99
	5 YR	850EXWAR3YREVLU	\$188.99
1150 VA	3 YR	1150EXWAR1YREVLU	\$80.99
	5 YR	1150EXWAR3YREVLU	\$188.99
1440 VA	3 YR	1440EXWAR1YREVLU	\$80.99
	5 YR	1440EXWAR3YREVLU	\$188.99
2000 VA	3 YR	2000EXWAR1YREVLU	\$152.99
	5 YR	2000EXWAR3YREVLU	\$350.99

## EVOLUTION UPS

### MGE Office Protection Systems family (continued)

#### EVOLUTION SERVICE PLANS (continued)

**On-site PowerTrust Service Plans include startup, annual PM and eNotify Remote Monitoring service**

Product	Contract Duration	Service Plan Part Number	List Price
650 VA	2 YR	650PT2YREVLU	\$1,958
	3 YR	650PT3YREVLU	\$3,245
	5 YR	650PT5YREVLU	\$5,775
850 VA	2 YR	850PT2YREVLU	\$1,958
	3 YR	850PT3YREVLU	\$3,245
	5 YR	850PT5YREVLU	\$5,775
1150 VA	2 YR	1150PT2YREVLU	\$1,958
	3 YR	1150PT3YREVLU	\$3,245
	5 YR	1150PT5YREVLU	\$5,775
1440 VA	2 YR	1440PT2YREVLU	\$1,958
	3 YR	1440PT3YREVLU	\$3,245
	5 YR	1440PT5YREVLU	\$5,775
2000 VA	2 YR	2000PT2YREVLU	\$1,958
	3 YR	2000PT3YREVLU	\$3,245
	5 YR	2000PT5YREVLU	\$5,775

**On-site Flex Service Plans include startup and eNotify Remote Monitoring service**

Product	Contract Duration	Service Plan Part Number	List Price
650 VA	2 YR	650FLEX2YREVLU	\$1,389
	3 YR	650FLEX3YREVLU	\$2,108
	5 YR	650FLEX5YREVLU	\$3,500
850 VA	2 YR	850FLEX2YREVLU	\$1,389
	3 YR	850FLEX3YREVLU	\$2,108
	5 YR	850FLEX5YREVLU	\$3,500
1150 VA	2 YR	1150FLEX2YREVLU	\$1,389
	3 YR	1150FLEX3YREVLU	\$2,108
	5 YR	1150FLEX5YREVLU	\$3,500
1440 VA	2 YR	1440FLEX2YREVLU	\$1,389
	3 YR	1440FLEX3YREVLU	\$2,108
	5 YR	1440FLEX5YREVLU	\$3,500
2000 VA	2 YR	2000FLEX2YREVLU	\$1,389
	3 YR	2000FLEX3YREVLU	\$2,108
	5 YR	2000FLEX5YREVLU	\$3,500

#### Startup and Preventive Maintenance Service (7x24)

Product	Part Number	List Price	Product	Part Number	List Price
<b>On-site Startup</b>			<b>On-site Preventive Maintenance</b>		
650 VA	650SUEVLU	\$895	650 VA	650PMEVLU	\$895
850 VA	850SUEVLU	\$895	850 VA	850PMEVLU	\$895
1150 VA	1150SUEVLU	\$895	1150 VA	1150PMEVLU	\$895
1440 VA	1440SUEVLU	\$895	1440 VA	1440PMEVLU	\$895
2000 VA	2000SUEVLU	\$895	2000 VA	2000PMEVLU	\$895

7x24 prices listed above also apply to 5x8 services. Additional information about service plan features can be found in the Single-phase Service Plans Overview section of this reference guide.

# EVOLUTION UPS

## MGE Office Protection Systems family (continued)

### EVOLUTION BATTERY BACKUP TIMES (in minutes)\*

Load (VA/Watts)	Internal Batteries
<b>EVLL650T / EVLI650T / EVLL650R-1U / EVLI650R-1U</b>	
65/42	53
130/84	31
195/126	18
260/168	13
325/210	9
390/252	7
455/294	6
520/336	4
585/378	3
650/420	2
<b>EVLL850T / EVLI850T / EVLL850R-1U / EVLI850R-1U</b>	
85/60	80
170/120	46
255/180	26
340/240	21
425/300	15
510/360	12
595/420	8
680/480	6
765/540	5
850/600	4
<b>EVLL1150T / EVLI1150T / EVLL1150R-1U / EVLI1150R-1U</b>	
115/77	77
310/220	42
465/330	22
620/440	17
775/550	12
930/660	10
1085/770	7
1240/880	6
1395/990	5
1550/1100	4
<b>EVLL1550T / EVLI1550T / EVLL1550R-1U / EVLI1550R-1U</b>	
155/110	61
310/220	42
465/330	29
620/440	21
775/550	14
690/462	11
805/539	8
920/616	6
1035/693	5
1150/770	4
<b>EVLSL2000-2U / EVLSI2000-2U</b>	
200/140	71
400/280	43
600/420	26
800/560	20
1000/700	13
1200/840	11
1400/980	8
1600/1120	6
1800/1260	5
2000/1400	4

These two runtimes sections should be swapped. The info under the 1150 section is for the 1550 section and vice versa.

\* Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

## EATON 5125 UPS TOWER

### Line-interactive UPS (1000–2200 VA)

The Eaton 5125 UPS delivers cost-effective power protection for PCs, workstations and servers.

- ABM technology significantly increases battery service life
- Buck and Double Boost voltage regulation corrects voltage fluctuations and delivers pure sine wave output
- Extended runtime capability with extended battery modules (EBMs)
- Load segments maximize runtime for critical devices
- Hot-swappable batteries simplify service
- Warranty (US and Canada): Two-year limited warranty and \$150,000 load protection guarantee; optional Gold Plans available



### 5125 NORTH AMERICAN TOWER MODELS: 120V, 50/60 Hz

Model	Part Number	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PW5125 1000	05146629-5591	1000/700	5-15P	(6) 5-15R	9.45 x 6.38 x 15.79	34.3	\$481
PW5125 1500	05146632-5591	1440/1050	5-15P	(6) 5-15R	9.84 x 6.38 x 18.39	50.7	\$634
PW5125 2200	05146635-5591	1920/1600	5-20P	(6) 5-15R, (2) 5-20R	9.84 x 8.07 x 19.41	68.3	\$948

#### 208V Model

PW5125 2200b	05146636-5591	2080/1600	IEC-320, 15A inlet	(9) IEC-320-C13	9.84 x 8.07 x 19.41	68.3	\$1,233
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### 5125 INTERNATIONAL TOWER MODELS: 230V, 50/60 Hz — includes (2) IEC interconnect cables

Model	Part Number	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PW5125 1000i	05146630-5591	1000/700	IEC-320-C14	(6) IEC-320-C13	9.45 x 6.38 x 15.79	34.3	\$481
PW5125 1500i	05146633-5591	1500/1050	IEC-320-C14	(6) IEC-320-C13	9.84 x 6.38 x 18.39	50.7	\$634
PW5125 2200i	05146637-5591	2200/1600	IEC-320-C14	(9) IEC-320-C13	9.84 x 8.07 x 19.41	68.3	\$948

### 5125 OPTIONS

Description	Part Number	Dimensions (H x W x D, inches)	Weight (lb)	List Price
<b>Extended Battery Modules</b>				
PW5125 24V EBM (for 1000 Tower)	05146638-5591	9.84 x 6.38 x 18.66	59.5	\$417
PW5125 48V EBM (for 1500/2200 Tower)	05146639-5591	9.84 x 6.38 x 18.66	59.5	\$455

### SOFTWARE AND CONNECTIVITY OPTIONS

Bundled with Software Suite CD and communication cable. See the software and connectivity product sections for more detail.

### 5125 TOWER SERVICE PLANS

Product	Contract Duration	Gold Plan Part Number	List Price	On-site Gold Plan Part Number	List Price	On-site Gold Plan Plus Part Number	List Price
1000–2200 VA	2 YR	-	-	20SGX51252200X5	\$477	20SGP51251000XX	\$770
	3 YR	3XXGX51252200CX	\$113	30SGX51252200X5	\$636	30SGP51251000XX	\$1,215
	5 YR	5XXGX51252200CX	\$246	50SGX51252200X5	\$861	50SGP51251000XX	\$1,960

#### Base Unit 7x24 Service Adders

Product	Contract Duration	On-site Gold Plan Part Number	List Price	On-site Gold Plan Plus Part Number	List Price
7x24	2 YR	20SGX5100BASEC7	\$292	20SGP5100BASEC7	\$477
Base	3 YR	30SGX5100BASEC7	\$328	30SGP5100BASEC7	\$697
Adder	5 YR	50SGX5100BASEC7	\$379	50SGP5100BASEC7	\$1,081

#### Extended Battery Module Adder Service Plans

Product	Contract Duration	Gold Plan Part Number	List Price	On-site Gold Plan Part Number	List Price
EBM 24	2 YR	2XXGX5100BM48CX	\$46	20SGX5100BM48CX	\$97
EBM 48	3 YR	3XXGX5100BM48CX	\$190	30SGX5100BM48CX	\$297
	5 YR	5XXGX5100BM48CX	\$354	50SGX5100BM48CX	\$548

## EATON 5125 UPS TOWER *(continued)*

### 5125 TOWER SERVICE PLANS *(continued)*

#### Extended Battery Module 7x24 Service Adder

Product	Contract Duration	On-site Gold Plan Part Number	List Price	On-site Gold Plan Plus Part Number	List Price
7x24	2 YR	20SGX5100EBMXC7	\$147	20SGP5100EBMXC7	\$239
Battery	3 YR	30SGX5100EBMXC7	\$164	30SGP5100EBMXC7	\$349
Adder	5 YR	50SGX5100EBMXC7	\$190	50SGP5100EBMXC7	\$541

To cover both the base UPS and Extended Battery Modules, the EBM Gold Plan(s) should be added to the like UPS Gold Plan(s). Unit must be within 100 miles of an established service location to qualify for 24-hour response and is per contracted period of maintenance. Initial startup serves as the performance check during the first year of the On-site Gold Plan Plus. UPS Gold Plan covers standard, internal batteries.

#### Startup and Preventive Maintenance Service (7x24)

Product	Part Number	List Price	Product	Part Number	List Price
<b>On-site Startup</b>			<b>On-site Preventive Maintenance</b>		
5x8 Service	OSTUP5100XALLC5	\$695	5x8 Service	OXXPM5100XALLC5	\$695
7x24 Service	OSTUP5100XALLC7	\$695	7x24 Service	OXXPM5100XALLC7	\$695

Additional information about service plan features can be found in the Single-Phase Service Plans Overview section of this reference guide.

### 5125 TOWER BATTERY BACKUP TIMES (in minutes, full load/half load)\*

Load (VA)	Standard Internal Batteries	+1 EBM	+2 EBMs	+3 EBMs	+4 EBMs
1000	5/14	25/60	55/170	83/199	109/228
1500	6/17	33/79	63/146	92/174	120/201
2200	5/14	26/60	55/170	81/198	106/224

\*Up to four EBMs can be connected to the 1000–2200 VA models. EBM runtimes include internal batteries. Runtime chart provides typical information. Battery backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

# EATON 5130 UPS RACK/TOWER

## Line-interactive UPS (1250–3000 VA)

The Eaton 5130 UPS offers density-optimized, highly configurable, advanced power protection for IT network/wiring closets, medical systems, communications/VoIP network systems and other mission-critical applications.

- Line-interactive topology with sinewave output
- Sized at PF 0.9 means more watts available and compatibility with modern IT loads
- High power density (2U up to 3 kVA)
- Compatible with short depth racks up to 3 kVA
- USB, serial and communication slots as standard
- Hot-swappable batteries (accessible from front panel)
- Extended runtime by adding an EBM (up to four EBMs can be used)
- Load segmentation provided
- 4-post rail kit and tower pedestals included for all models
- Warranty (US and Canada): Two-year limited warranty, extended warranty, on-site Flex and on-site PowerTrust service plans, and \$150,000 load protection guarantee



## 5130 NORTH AMERICAN RACK/TOWER MODELS<sup>1</sup>, 120V, 50/60 Hz

Catalog Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PW5130L1250-XL2U	PW5130 1250 120V Rack/Tower 2U	1250/1150	5-15P	(6) 5-15R	3.4 x 17.4 x 20.0	53.6	\$694
PW5130L1750-XL2U	PW5130 1750 120V Rack/Tower 2U	1750/1600	5-20P	(6) 5-20R	3.4 x 17.4 x 20.0	58.6	\$842
PW5130L2500-XL2U	PW5130 2500 120V Rack/Tower 2U	2500/2250	L5-30P	(1) L5-30R, (6) 5-20R	3.4 x 17.4 x 25.0	74.5	\$1,276
PW5130L3000-XL2U	PW5130 3000 120V Rack/Tower 2U	2880/2700	L5-30P	(1) L5-30R, (6) 5-20R	3.4 x 17.4 x 25.0	74.5	\$1,539
PW5130L3000-XL3U	PW5130 3000 120V Rack/Tower 3U	2880/2700	L5-30P	(1) L5-30R, (6) 5-20R	5.1 x 17.4 x 19.1	75.6	\$1,403

## 5130 GLOBAL RACK/TOWER MODELS, 208V, 50/60 Hz

Catalog Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PW5130G3000-XL2U	PW5130 3000 208V Rack/Tower 2U	3000/2700	L6-20P	(2) L6-20R, (1) L6-30R	3.4 x 17.4 x 25.0	75.6	\$1,539

## 5130 INTERNATIONAL RACK/TOWER MODELS<sup>1</sup>, 230V, 50/60 Hz

Catalog Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PW5130i1250-XL2U	PW5130 1250 230V Rack/Tower 2U	1250/1150	IEC C14-10A	(8) IEC-C13-10A	3.4 x 17.4 x 20.0	53.6	\$761
PW5130i1750-XL2U	PW5130 1750 230V Rack/Tower 2U	1750/1600	IEC C14-10A	(8) IEC-C13-10A	3.4 x 17.4 x 20.0	58.6	\$969
PW5130i2500-XL2U	PW5130 2500 230V Rack/Tower 2U	2500/2250	IEC C20-16A	(1) IEC-C19 16A, (8) IEC-C13 10A	3.4 x 17.4 x 25.0	74.5	\$1,344
PW5130i3000-XL2U	PW5130 3000 230V Rack/Tower 2U	3000/2700	IEC C20-16A	(1) IEC-C19 16A, (8) IEC-C13 10A	3.4 x 17.4 x 25.0	74.5	\$1,539
PW5130i3000-XL3U	PW5130 3000 230V Rack/Tower 3U	3000/2700	IEC C20-16A	(1) IEC-C19 16A, (8) IEC-C13 10	5.1 x 17.4 x 19.1	75.6	\$1,415

1. 120V models are adjustable to 80V-153V range user. 230V models are adjustable to 150V-294V range.

Note: All models consist of (2) Load Segments (one receptacle each).

## 5130 OPTIONS

Catalog Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
<b>Extended Battery Modules</b>				
PW5130N1750-EBM2U	PW5130 1250/1750 EBM R/T 2U	3.4 x 17.4 x 20.0	67.0	\$619
PW5130N3000-EBM2U	PW5130 2500/3000 EBM R/T 2U	3.4 x 17.4 x 25.0	91.9	\$1,170
PW5130N3000-EBM3U	PW5130 2500/3000 EBM R/T 3U	5.1 x 17.4 x 19.1	91.9	\$1,170



# EATON 5130 UPS RACK/TOWER (continued)

## 5130 RACK/TOWER SERVICE PLANS

### Warranty+ Extended Warranty (Depot Repair)

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
1250 VA	3 YR	1250EXWAR1YR5130U	\$80.99	1250EXWAR1YR5130B	\$80.99
	5 YR	1250EXWAR3YR5130U	\$188.99	1250EXWAR3YR5130B	\$188.99
1750 VA	3 YR	1750EXWAR1YR5130U	\$152.99	1750EXWAR1YR5130B	\$152.99
	5 YR	1750EXWAR3YR5130U	\$350.99	1750EXWAR3YR5130B	\$350.99
2500 VA	3 YR	2500EXWAR1YR5130U	\$152.99	2500EXWAR1YR5130B	\$152.99
	5 YR	2500EXWAR3YR5130U	\$350.99	2500EXWAR3YR5130B	\$350.99
2880 VA	3 YR	2880EXWAR1YR5130U	\$152.99	2880EXWAR1YR5130B	\$152.99
	5 YR	2880EXWAR3YR5130U	\$350.99	2880EXWAR3YR5130B	\$350.99
3000 VA	3 YR	3000EXWAR1YR5130U	\$152.99	3000EXWAR1YR5130B	\$152.99
	5 YR	3000EXWAR3YR5130U	\$350.99	3000EXWAR3YR5130B	\$350.99

### On-site PowerTrust Service Plans include startup, annual PM and eNotify Remote Monitoring service

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
1250 VA	2 YR	1250PT2YR5130U	\$1,958.00	1250PT2YR5130B	\$195.80
	3 YR	1250PT3YR5130U	\$3,245.00	1250PT3YR5130B	\$324.50
	5 YR	1250PT5YR5130U	\$5,775.00	1250PT5YR5130B	\$577.50
1750 VA	2 YR	1750PT2YR5130U	\$1,958.00	1750PT2YR5130B	\$195.80
	3 YR	1750PT3YR5130U	\$3,245.00	1750PT3YR5130B	\$324.50
	5 YR	1750PT5YR5130U	\$5,775.00	1750PT5YR5130B	\$577.50
2500 VA	2 YR	2500PT2YR5130U	\$1,958.00	2500PT2YR5130B	\$195.80
	3 YR	2500PT3YR5130U	\$3,245.00	2500PT3YR5130B	\$324.50
	5 YR	2500PT5YR5130U	\$5,775.00	2500PT5YR5130B	\$577.50
2880 VA	2 YR	2880PT2YR5130U	\$1,958.00	2880PT2YR5130B	\$195.80
	3 YR	2880PT3YR5130U	\$3,245.00	2880PT3YR5130B	\$324.50
	5 YR	2880PT5YR5130U	\$5,775.00	2880PT5YR5130B	\$577.50
3000 VA	2 YR	3000PT2YR5130U	\$1,958.00	3000PT2YR5130B	\$195.80
	3 YR	3000PT3YR5130U	\$3,245.00	3000PT3YR5130B	\$324.50
	5 YR	3000PT5YR5130U	\$5,775.00	3000PT5YR5130B	\$577.50

### On-site Flex Service Plans include startup and eNotify Remote Monitoring service

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
1250 VA	2 YR	1250FLEX2YR5130U	\$1,389.00	1250FLEX2YR5130B	\$138.90
	3 YR	1250FLEX3YR5130U	\$2,108.00	1250FLEX3YR5130B	\$210.80
	5 YR	1250FLEX5YR5130U	\$3,500.00	1250FLEX5YR5130B	\$350.00
1750 VA	2 YR	1750FLEX2YR5130U	\$1,389.00	1750FLEX2YR5130B	\$138.90
	3 YR	1750FLEX3YR5130U	\$2,108.00	1750FLEX3YR5130B	\$210.80
	5 YR	1750FLEX5YR5130U	\$3,500.00	1750FLEX5YR5130B	\$350.00
2500 VA	2 YR	2500FLEX2YR5130U	\$1,389.00	2500FLEX2YR5130B	\$138.90
	3 YR	2500FLEX3YR5130U	\$2,108.00	2500FLEX3YR5130B	\$210.80
	5 YR	2500FLEX5YR5130U	\$3,500.00	2500FLEX5YR5130B	\$350.00
2880 VA	2 YR	2880FLEX2YR5130U	\$1,389.00	2880FLEX2YR5130B	\$138.90
	3 YR	2880FLEX3YR5130U	\$2,108.00	2880FLEX3YR5130B	\$210.80
	5 YR	2880FLEX5YR5130U	\$3,500.00	2880FLEX5YR5130B	\$350.00
3000 VA	2 YR	3000FLEX2YR5130U	\$1,389.00	3000FLEX2YR5130B	\$138.90
	3 YR	3000FLEX3YR5130U	\$2,108.00	3000FLEX3YR5130B	\$210.80
	5 YR	3000FLEX5YR5130U	\$3,500.00	3000FLEX5YR5130B	\$350.00

# EATON 5130 UPS RACK/TOWER (continued)

## Startup and Preventive Maintenance Service (7x24)

Product	Part Number	List Price	Product	Part Number	List Price
<b>On-site Startup</b>			<b>On-site Preventive Maintenance</b>		
1250 VA	1250SU5130U	\$895	1250 VA	1250PM5130U	\$895
1750 VA	1750SU5130U	\$895	1750 VA	1750PM5130U	\$895
2500 VA	2500SU5130U	\$895	2500 VA	2500PM5130U	\$895
2880 VA	2880SU5130U	\$895	2880 VA	2880PM5130U	\$895
3000 VA	3000SU5130U	\$895	3000 VA	3000PM5130U	\$895

7x24 prices listed above also apply to 5x8 services. UPS coverage required for battery module coverage. Additional information about service plan features can be found in the Single-phase Service Plans Overview section of this reference guide.

## 5130 BATTERY BACKUP TIMES (in minutes) @ 0.7 Power Factor

Load (VA/Watts)	Standard Internal Batteries	+1 EBM	+2 EBMs	+3 EBMs	+4 EBMs
<b>PW5130L1250-XL2U / PW5130i1250-XL2U</b>					
125/115	135	500	850	1200	1550
313/288	58	255	450	648	805
625/575	20	105	175	225	300
938/863	14	57	93	113	184
1250/1150	6.5	41	76	110	145
<b>PW5130L1750-XL2U / PW5130i1750-XL2U</b>					
175/160	95	290	480	700	850
438/400	41	148	249	377	458
875/800	14	60	100	145	180
1313/1200	9	33	59	83	111
1750/1600	6	24	42	60	80
<b>PW5130L2550-XL2U / PW5130i2500-XL2U</b>					
250/225	90	375	610	925	1200
625/563	44	198	341	500	657
1250/1125	17	85	130	210	290
2153/1938	11	50	84	134	185
2500/2250	6	30	58	90	120
<b>PW5130L3000-XL2U / XL3U / PW5130i3000-XL2U / XL3U / PW5130G3000-XL2U</b>					
300/270	80	320	525	750	900
750/675	40	158	279	380	514
1500/1350	15	60	100	150	210
2250/2025	9	37	71	90	124
3000/2700	5	24	46	68	90

Notes: Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc. The 5130 has a 0.9 power factor, but runtimes are shown here at 0.7 power factor for easy comparison against competitors' products, which have a 0.7 power factor.

# EVOLUTION S UPS

## MGE Office Protection Systems family



### Line-interactive UPS (1250–3000 VA)

High density power protection with optimized form factors and extended runtime options for network devices:

- Rackmount servers
- Conventional rackmount or tower servers
- Network storage systems

### EVOLUTION S: 120V NEMA 50/60 Hz MODELS

Catalog Number	Style Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
EVLSL1250-XL2U	81708	Evolution S 1250 Tower/Rack (2U)	1250/1150	5-15P	(6) 5-15R	3.4 (2U) x 17.3 x 20.0	53.6	\$678
EVLSL1750-XL2U	81711	Evolution S 1750 Tower/Rack (2U)	1750/1600	5-20P	(6) 5-15/20R	3.4 (2U) x 17.3 x 20.0	58.6	\$824
EVLSL2500-XL2U	81714	Evolution S 2500 Tower/Rack (2U)	2500/2250	L5-30P	(6) 5-15/20R, (1) L5-30R	3.4 (2U) x 17.3 x 25.0	74.5	\$1,047
EVLSL3000-XL2U	81715	Evolution S 3000 Tower/Rack (2U)	3000/2700	L5-30P	(6) 5-15/20R, (1) L5-30R	3.4 (2U) x 17.3 x 25.0	74.5	\$1,175
EVLSL3000-XL3U	81716	Evolution S 3000 Tower/Rack (3U)	3000/2700	L5-30P	(6) 5-15/20R, (1) L5-30R	5.1 (3U) x 17.3 x 19.1	75.6	\$1,198

### EVOLUTION S: 230V INTERNATIONAL MODELS

Catalog Number	Style Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
EVLSI1250-XL2U	68456	Evolution S, 1250 VA Tower/Rack (2U)	1250/1150	IEC C14 (10A Socket)	(8) IEC C13 (10A)	3.39 (2U) x 17.32 x 20.04	53.6	\$608
EVLSI1750-XL2U	68459	Evolution S, 1750 VA Tower/Rack (2U)	1750/1600	IEC C14 (10A Socket)	(8) IEC C13 (10A)	3.39 (2U) x 17.32 x 20.04	58.6	\$841
EVLSI2500-XL2U	68461	Evolution S, 2500 VA Tower/Rack (2U)	2500/2250	IEC C16 (10A Socket)	(8) IEC C13 (10A) (1) IEC C19 (16A)	3.39 (2U) x 17.32 x 24.96	74.5	\$1,144
EVLSI3000-XL3U	68464	Evolution S, 3000 VA Tower/Rack (3U)	3000/2700	IEC C16 (10A Socket)	(8) IEC C13 (10A) (1) IEC C19 (16A)	5.15 (3U) x 17.32 x 19.06	75.6	\$1,358
EVLSI3000-XL2U	68462	Evolution S, 3000 VA Tower/Rack (2U)	3000/2700	IEC C16 (10A Socket)	(8) IEC C13 (10A) (1) IEC C19 (16A)	3.39 (2U) x 17.32 x 24.96	74.5	\$2,055

### EVOLUTION S OPTIONS

Catalog Number	Style Number	Description	Rating (VA/Watts)	Dimensions (H x W x D, inches)	Weight (lb)	List Price
EVLSL1750R-EBM2U	81713	120V: Evolution S Extended Battery Module for 1250 & 1750VA models (2U)	-	3.4 (2U) x 17.3 x 20.0	67.0	\$428
EVLSL3000R-EBM2U	81717	120V: Evolution S Extended Battery Module for 2500/3000 VA models (2U)	-	3.4 (2U) x 17.3 x 25.0	91.9	\$682
EVLSL3000R-EBM3U	81707	120V: Evolution S Extended Battery Module for 2500/3000 VA models (3U)	-	5.1 (3U) x 17.3 x 19.1	91.9	\$682
EVLSI1750R-EBM2U	68470	230V: Evolution S Extended Battery Module for 1250/1750 VA Tower/Rack (2U)	1250/1750	3.39 (2U) x 17.32 x 20.04	67.0	\$428
EVLSI3000R-EBM3U	68471	230V: Evolution S Extended Battery Module for 2500/3000 VA Tower/Rack (3U)	2500/3000	5.15 (3U) x 17.32 x 19.06	91.9	\$704

### EVOLUTION S SERVICE PLANS

#### Warranty+ Extended Warranty (Depot Repair)

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
1250 VA	3 YR	1250EXWAR1YREVLSU	\$80.99	1250EXWAR1YREVLBS	\$80.99
	5 YR	1250EXWAR3YREVLSU	\$188.99	1250EXWAR3YREVLBS	\$188.99
1750 VA	3 YR	1750EXWAR1YREVLSU	\$152.99	1750EXWAR1YREVLBS	\$152.99
	5 YR	1750EXWAR3YREVLSU	\$350.99	1750EXWAR3YREVLBS	\$350.99
2500 VA	3 YR	2500EXWAR1YREVLSU	\$152.99	2500EXWAR1YREVLBS	\$152.99
	5 YR	2500EXWAR3YREVLSU	\$350.99	2500EXWAR3YREVLBS	\$350.99
3000 VA	3 YR	3000EXWAR1YREVLSU	\$152.99	3000EXWAR1YREVLBS	\$152.99
	5 YR	3000EXWAR3YREVLSU	\$350.99	3000EXWAR3YREVLBS	\$350.99

# EVOLUTION S UPS

## MGE Office Protection Systems family

### EVOLUTION S SERVICE PLANS (continued)

On-site PowerTrust Service Plans include startup, annual PM and eNotify Remote Monitoring service

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
1250 VA	2 YR	1250PT2YREVLSU	\$1,958.00	1250PT2YREVLSB	\$195.80
	3 YR	1250PT3YREVLSU	\$3,245.00	1250PT3YREVLSB	\$324.50
	5 YR	1250PT5YREVLSU	\$5,775.00	1250PT5YREVLSB	\$577.50
1750 VA	2 YR	1750PT2YREVLSU	\$1,958.00	1750PT2YREVLSB	\$195.80
	3 YR	1750PT3YREVLSU	\$3,245.00	1750PT3YREVLSB	\$324.50
	5 YR	1750PT5YREVLSU	\$5,775.00	1750PT5YREVLSB	\$577.50
2500 VA	2 YR	2500PT2YREVLSU	\$1,958.00	2500PT2YREVLSB	\$195.80
	3 YR	2500PT3YREVLSU	\$3,245.00	2500PT3YREVLSB	\$324.50
	5 YR	2500PT5YREVLSU	\$5,775.00	2500PT5YREVLSB	\$577.50
3000 VA	2 YR	3000PT2YREVLSU	\$1,958.00	3000PT2YREVLSB	\$195.80
	3 YR	3000PT3YREVLSU	\$3,245.00	3000PT3YREVLSB	\$324.50
	5 YR	3000PT5YREVLSU	\$5,775.00	3000PT5YREVLSB	\$577.50

On-site Flex Service Plans include startup and eNotify Remote Monitoring service

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
1250 VA	2 YR	1250FLEX2YREVLSU	\$1,389.00	1250FLEX2YREVLSB	\$138.90
	3 YR	1250FLEX3YREVLSU	\$2,108.00	1250FLEX3YREVLSB	\$210.80
	5 YR	1250FLEX5YREVLSU	\$3,500.00	1250PT5YREVLSB	\$350.00
1750 VA	2 YR	1750FLEX2YREVLSU	\$1,389.00	1750FLEX2YREVLSB	\$138.90
	3 YR	1750FLEX3YREVLSU	\$2,108.00	1750FLEX3YREVLSB	\$210.80
	5 YR	1750FLEX5YREVLSU	\$3,500.00	1750FLEX5YREVLSB	\$350.00
2500 VA	2 YR	2500FLEX2YREVLSU	\$1,389.00	2500FLEX2YREVLSB	\$138.90
	3 YR	2500FLEX3YREVLSU	\$2,108.00	2500FLEX3YREVLSB	\$210.80
	5 YR	2500FLEX5YREVLSU	\$3,500.00	2500FLEX5YREVLSB	\$350.00
3000 VA	2 YR	3000FLEX2YREVLSU	\$1,389.00	3000FLEX2YREVLSB	\$138.90
	3 YR	3000FLEX3YREVLSU	\$2,108.00	3000FLEX3YREVLSB	\$210.80
	5 YR	3000FLEX5YREVLSU	\$3,500.00	3000FLEX5YREVLSB	\$350.00

### Startup and Preventive Maintenance Service (7x24)

Product	Part Number	List Price	Product	Part Number	List Price
<b>On-site Startup</b>			<b>On-site Preventive Maintenance</b>		
1250 VA	1250SUEVLSU	\$895	1250 VA	1250PMEVLSU	\$895
1750 VA	1750SUEVLSU	\$895	1750 VA	1750PMEVLSU	\$895
2500 VA	2500SUEVLSU	\$895	2500 VA	2500PMEVLSU	\$895
3000 VA	3000SUEVLSU	\$895	3000 VA	3000PMEVLSU	\$895

7x24 prices listed above also apply to 5x8 services. UPS coverage required for battery module coverage. Additional information about service plan features can be found in the Single-phase Service Plans Overview section of this reference guide.

### EVOLUTION S BATTERY BACKUP TIMES (in minutes) @ 0.7 Power Factor

Load (VA/Watts)	Standard Internal Batteries				
	+1 EBM	+2 EBMs	+3 EBMs	+4 EBMs	
<b>Evolution S 1250</b>					
125/115	119	430	741	1052	1363
313/288	32	150	267	384	502
625/575	15	58	100	143	185
938/863	6	42	77	113	148
1250/1150	5	29	54	79	104
<b>Evolution S 1750</b>					
175/160	80	245	410	575	740
438/400	24	96	168	240	312
875/800	9	36	62	89	115
1313/1200	6	24	42	60	79
1750/1600	3	16	28	41	53

## EVOLUTION S UPS *(continued)*

### MGE Office Protection Systems family

#### EVOLUTION S BATTERY BACKUP TIMES (in minutes) @ 0.7 Power Factor *(continued)*

Load (VA/Watts)	Standard Internal Batteries	+1 EBM	+2 EBMs	+3 EBMs	+4 EBMs
<b>Evolution S 2500</b>					
250/225	77	300	410	780	1064
625/563	28	122	207	309	412
1250/1125	11	55	100	150	206
2153/1938	6	31	59	90	120
2500/2250	3	23	42	63	85
<b>Evolution S 3000</b>					
300/270	70	242	448	634	820
750/675	24	105	180	255	330
1500/1350	10	44	73	101	130
2250/2025	5	25	47	69	91
3000/2700	3	17	32	47	62

Note: Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

## EATON 5125 UPS RACKMOUNT

### Line-interactive UPS (5000–6000 VA)

The 5125 delivers a space-saving 3U rack height package and is the ideal high-density power protection solution for your servers, storage systems, network equipment and other critical devices.

- ABM technology significantly increases battery service life
- Load segment control (separate receptacles groups) enables scheduled shut downs and maximum runtime for each critical device
- Communication bay allows for optional communication cards for remote management; USB and serial ports extend capacity
- Hot-swappable battery and electronics modules simplify service, provide high availability and faster mean time to repair
- Warranty (US and Canada): Two-year limited warranty and \$150,000 load protection guarantee; optional Gold Plans available.



### 5125 RACKMOUNT MODELS: 200–240V

Model	Part Number	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PW5125 5000	103003611-5591	5000/4500	L6-30P	L6-30R on short cord (2) L6-20, (4) C13	5.25 (3U) x 17.50 x 26.00	161	\$2,963
PW5125 6000 HW	103003610-5591	6000/5400	Hardwired	Hardwired (4) C19, (4) C13	5.25 (3U) x 17.50 x 26.00	161	\$3,258
PW5125 6000i	103003612-5591	6000/5400	IEC-309-32A	IEC-309-32A on short cord (4) C19, (4) C13	5.25 (3U) x 17.50 x 26.00	161	\$3,258

### 5125 RACKMOUNT MODELS WITH FACTORY-INSTALLED CONNECTUPS WEB/SNMP CARD

Model	Part Number	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PW5125 5000 Web	103003611-5597	5000/4500	L6-30P	L6-30R on short cord, (2) L6-20 (4) C13	5.25 (3U) x 17.50 x 26.00	161	\$3,139
PW5125 6000 HW Web	103003610-5597	6000/5400	Hardwired	Hardwired, (4) C19, (4) C13	5.25 (3U) x 17.50 x 26.00	161	\$3,423
PW5125 6000i Web	103003612-5597	6000/5400	IEC-309-32A	IEC-309-32A on short cord, (4) C19, (4) C13	5.25 (3U) x 17.50 x 26.00	161	\$3,423

Notes: UPS models ship with both black and beige front panels. UPS models include rail kits and mounting hardware. Output receptacles divided into two load segments.

### 5125 RACKMOUNT OPTIONS

Model	Part Number	Dimensions (H x W x D, inches)	Weight (lb)	List Price
<b>Extended Battery Modules</b>				
PW5125 240V EBM (Black)	103003387-6591	5.25 (3U) x 17.50 x 26.0	169	\$1,295

EBM Notes: EBMs are the same EBMs used for the 9125 5000/6000 VA product line.

### ENCLOSURES

See the Enclosures section for a comprehensive list of IT enclosure offerings.

### SOFTWARE AND CONNECTIVITY OPTIONS

Bundled with Software Suite CD and communication cable. See the software and connectivity product sections for more detail.

# EATON 5125 UPS RACKMOUNT *(continued)*

## 5125 RACKMOUNT SERVICE PLANS

Product	Contract Duration	Gold Plan Part Number	List Price	On-site Gold Plan Part Number	List Price	On-site Gold Plan Plus Part Number	List Price
5000-6000 VA	2 YR	-	-	20SGX51256000CX	\$497	20SGP51256000CX	\$1,020
	3 YR	3XXGX51256000CX	\$264	30SGX51256000CX	\$917	30SGP51256000CX	\$1,771
	5 YR	5XXGX51256000CX	\$581	50SGX51256000CX	\$1,458	50SGP51256000CX	\$2,431

### Base Unit 7x24 Service Adders

Product	Contract Duration	On-site Gold Plan Part Number	List Price	On-site Gold Plan Plus Part Number	List Price
7x24 Base	2 YR	20SGX5100BASEC7	\$292	20SGP5100BASEC7	\$477
Adder	3 YR	30SGX5100BASEC7	\$328	30SGP5100BASEC7	\$697
	5 YR	50SGX5100BASEC7	\$379	50SGP5100BASEC7	\$1,081

### External Battery Module Adder Service Plan

Product	Contract Duration	Gold Plan Part Number	List Price	On-site Gold Plan Part Number	List Price	On-site Gold Plan Plus Part Number	List Price
EBM 240	2 YR	N/A	N/A	20SGX5125B240CX	\$292	20SGP5125B240CX	\$719
PW5125	3 YR	3XXGX5125B240CX	\$342	30SGX5125B240CX	\$702	30SGP5125B240CX	\$1,556
5000/6000VA	5 YR	5XXGX5125B240CX	\$855	50SGX5125B240CX	\$1,522	50SGP5125B240CX	\$2,376

### External Battery Module 7x24 Service Adders

Product	Contract Duration	On-site Gold Plan Part Number	List Price	On-site Gold Plan Plus Part Number	List Price
7x24	2 YR	20SGX5100EBMXC7	\$147	20SGP5100EBCXC7	\$239
Battery	3 YR	30SGX5100EBMXC7	\$164	30SGP5100EBCXC7	\$349
Adder	5 YR	50SGX5100EBMXC7	\$190	50SGP5100EBCXC7	\$541

To cover both the base UPS and Extended Battery Modules, the EBM Gold Plan(s) should be added to the like UPS Gold Plan(s). Unit must be within 100 miles of an established service location to qualify for 24-hour response and is per contracted period of maintenance. Initial startup serves as the performance check during the first year of the On-site Gold Plan Plus. UPS Gold Plan covers standard, internal batteries.

### Startup and Preventive Maintenance Service

Product	Part Number	List Price	Product	Part Number	List Price
<b>On-site Startup</b>			<b>On-site Preventive Maintenance</b>		
5x8 Service	0STUP5100XALLC5	\$695	5x8 Service	0XXPM5100XALLC5	\$695
7x24 Service	0STUP5100XALLC7	\$895	7x24 Service	0XXPM5100XALLC7	\$895

Additional information about service plan features can be found in the Single-Phase Service Plans Overview section of this reference guide.

## 5125 RACKMOUNT BATTERY BACKUP TIMES (in minutes)

Load (VA/Watts)	Internal Batteries	Standard +1 EBM	+2 EBMs	+3 EBMs	+4 EBMs
1000/900	59	169	303	452	612
2000/1800	26	79	138	204	274
2200/1980	21	65	112	164	223
2500/2250	19	61	106	156	210
2700/2430	17	52	89	132	180
3000/2700	15	49	85	125	168
3500/3150	13	43	73	110	142
4500/4050	8	27	52	76	102
5000/4500	7	24	46	67	89
5500/4950	6	22	42	61	81
6000/5400	5	19	36	53	71

Note: Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

## PULSAR UPS

### MGE Office Protection Systems family

#### Double-conversion UPS (700–1500 VA)

Ideal protection for servers, data storage, network equipment, telephony, VoIP and medical equipment—industrial processes.

- True double-conversion
- Hot-swappable batteries
- Two load segments
- USB and RS-232 ports



#### PULSAR, NEMA 50/60 Hz Models: 120V

Catalog Number	Style Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	List Price
PULSL700T	86700	PULSAR 120V TWR 0.7 kVA	700/630	5-15P	(4) 5-15R	9.52 x 6.00 x 15.75	\$633
PULSL1000T	86701	PULSAR 120V TWR 1 kVA	1000/900	5-15P	(4) 5-15R	9.52 x 6.00 x 15.75	\$700
PULSL1500T	86703	PULSAR 120V TWR 1.5 kVA	1500/1350	5-15P	(4) 5-15R	9.52 x 6.00 x 17.71	\$939
PULSL1000R-XL2U	86702	PULSAR 120V RK 1 kVA	1000/900	5-15P	(6) 5-15R	3.46 x 17.25 x 19.00	\$815
PULSL1500R-XL2U	86704	PULSAR 120V RK 1.5 kVA	1500/1350	5-15P	(6) 5-15R	3.46 x 17.25 x 19.00	\$1,039

#### PULSAR, INTERNATIONAL MODELS: 230V

Catalog Number	Style Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	List Price
PULSI700T	68180	PULSAR 230V TWR 0.7 kVA	700/630	IEC C14 (10A Socket)	(6) IEC C13 (10A)	9.52 x 6.00 x 15.75	\$808
PULSI1000T	68181	PULSAR 230V TWR 1 kVA	1000/900	IEC C14 (10A Socket)	(6) IEC C13 (10A)	9.52 x 6.00 x 15.75	\$944
PULSI1500T	68183	PULSAR 230V TWR 1.5 kVA	1500/1350	IEC C14 (10A Socket)	(6) IEC C13 (10A)	9.52 x 6.00 x 17.71	\$1,298
PULSI1000R-XL2U	68182	PULSAR 230V RK 1 kVA	1000/900	IEC C14 (10A Socket)	(6) IEC C13 (10A)	3.46 x 17.25 x 19.00	\$1,078
PULSI1500R-XL2U	68184	PULSAR 230V RK 1.5 kVA	1500/1350	IEC C14 (10A Socket)	(6) IEC C13 (10A)	3.46 x 17.25 x 19.00	\$1,534

#### PULSAR OPTIONS

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	List Price
<b>Extended Battery Modules</b>				
PULSL1500T-EBM	86705	PULSAR 120V TWR EBM 1–1.5 kVA	9.52 x 6.00 x 17.32	\$633
PULSL1500R-EBM	86706	PULSAR 120V RK EBM 1–1.5 kVA	3.40 x 17.25 x 19.00	\$729
PULSI1500T-EBM	68185	PULSAR 230V TWR EBM 1–1.5 kVA	9.53 x 6.22 x 15.75	\$590
PULSI1500R-EBM	68186	PULSAR 230V RK EBM 1–1.5 kVA	3.41 x 17.32 x 18.9	\$713

#### PULSAR SERVICE PLANS

##### Warranty+ Extended Warranty (Depot Repair)

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
700 VA	3 YR	700EXWAR1YRPULSU	\$80.99	-	-
	5 YR	700EXWAR3YRPULSU	\$188.99	-	-
1000 VA	3 YR	1000EXWAR1YRPULSU	\$80.99	1000EXWAR1YRPULSB	\$80.99
	5 YR	1000EXWAR3YRPULSU	\$188.99	1000EXWAR3YRPULSB	\$188.99
1500 VA	3 YR	1500EXWAR1YRPULSU	\$152.99	1500EXWAR1YRPULSB	\$152.99
	5 YR	1500EXWAR3YRPULSU	\$350.99	1500EXWAR3YRPULSB	\$350.99



# PULSAR UPS (continued)

## MGE Office Protection Systems family

### PULSAR SERVICE PLANS (continued)

**On-site PowerTrust Service Plans include startup, annual PM and eNotify Remote Monitoring service**

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
700 VA	2 YR	700PT2YRPULSU	\$1,958.00	-	-
	3 YR	700PT3YRPULSU	\$3,245.00	-	-
	5 YR	700PT5YRPULSU	\$5,775.00	-	-
1000 VA	2 YR	1000PT2YRPULSU	\$1,958.00	1000PT2YRPULSB	\$195.80
	3 YR	1000PT3YRPULSU	\$3,245.00	1000PT3YRPULSB	\$324.50
	5 YR	1000PT5YRPULSU	\$5,775.00	1000PT5YRPULSB	\$577.50
1500 VA	2 YR	1500PT2YRPULSU	\$1,958.00	1500PT2YRPULSB	\$195.80
	3 YR	1500PT3YRPULSU	\$3,245.00	1500PT3YRPULSB	\$324.50
	5 YR	1500PT5YRPULSU	\$5,775.00	1500PT5YRPULSB	\$577.50

**On-site Flex Service Plans include startup and eNotify Remote Monitoring service**

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
700 VA	2 YR	700FLEX2YRPULSU	\$1,389.00	-	-
	3 YR	700FLEX3YRPULSU	\$2,108.00	-	-
	5 YR	700FLEX5YRPULSU	\$3,500.00	-	-
1000 VA	2 YR	1000FLEX2YRPULSU	\$1,389.00	1000FLEX2YRPULSB	\$138.90
	3 YR	1000FLEX3YRPULSU	\$2,108.00	1000FLEX3YRPULSB	\$210.80
	5 YR	1000FLEX5YRPULSU	\$3,500.00	1000FLEX5YRPULSB	\$350.00
1500 VA	2 YR	1500FLEX2YRPULSU	\$1,389.00	1500FLEX2YRPULSB	\$138.90
	3 YR	1500FLEX3YRPULSU	\$2,108.00	1500FLEX3YRPULSB	\$210.80
	5 YR	1500FLEX5YRPULSU	\$3,500.00	1500FLEX5YRPULSB	\$350.00

**Startup and Preventive Maintenance Service (7x24)**

Product	Part Number	List Price	Product	Part Number	List Price
<b>On-site Startup</b>			<b>On-site Preventive Maintenance</b>		
700 VA	700SUPULSU	\$895	700 VA	700PMPULSU	\$895
1000 VA	1000SUPULSU	\$895	1000 VA	1000PMPULSU	\$895
1500 VA	1500SUPULSU	\$895	1500 VA	1500PMPULSU	\$895

7x24 prices listed above also apply to 5x8 services. UPS coverage required for battery module coverage. Additional information about service plan features can be found in the Single-phase Service Plans Overview section of this reference guide.

### PULSAR BATTERY BACKUP TIMES (in minutes)\*

Load (VA/Watts)	Internal Batteries	+1 EBM	+2 EBMs	+3 EBMs	+4 EBMs
<b>Pulsar 700</b>					
70/63	40	-	-	-	-
140/126	34	-	-	-	-
210/189	28	-	-	-	-
280/252	22	-	-	-	-
350/315	16	-	-	-	-
420/378	13	-	-	-	-
490/441	10	-	-	-	-
560/504	8	-	-	-	-
630/567	7	-	-	-	-
700/630	5	-	-	-	-

\* Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

# PULSAR UPS *(continued)*

## MGE Office Protection Systems family

### PULSAR BATTERY BACKUP TIMES (in minutes)\* *(continued)*

Load (VA/Watts)	Standard Internal Batteries	+1 EBM	+2 EBMs	+3 EBMs	+4 EBMs
<b>Pulsar 1000 / 1000 RT 2U</b>					
100/90	41	204	290	462	584
200/180	35	170	254	398	497
300/270	29	136	217	334	411
400/360	23	102	180	269	325
500/450	17	68	144	206	239
600/540	14	59	118	175	216
700/630	11	49	92	145	193
800/720	8	41	75	121	171
900/810	7	37	67	104	149
1000/900	5	32	60	87	128
<b>Pulsar 1500 / 1500 RT 2U</b>					
150/135	33	112	242	290	392
300/270	28	96	202	251	338
450/405	23	80	162	212	284
600/540	18	63	122	173	230
750/675	13	47	82	135	176
900/810	11	40	70	111	145
1050/945	9	33	58	87	115
1200/1080	7	28	50	72	94
1350/1215	6	25	44	64	84
1500/1350	5	22	39	57	74

\* Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

# PULSAR M UPS

## MGE Office Protection Systems family

### Modular Double-conversion UPS (2200/3000 VA, 2/3U)

Ideal protection for servers, data storage, network equipment, telephony—VoIP & medical equipment and industrial processes.

- True double-conversion
- Modular UPS
- Hot-swappable batteries
- Two load segments
- USB and RS-232 ports



PULSML2200-XL3U should be **\$1,300**, not \$1,573

PULSML2200-XL2U should be **\$1,541**, not \$1,715

### PULSAR M, NEMA 50/60 Hz MODELS: 120V

Catalog Number	Style Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PULSML2200-XL2U	86722	PULSAR M 120V RT2U 2.2 kVA	2200/1650	5-20	(6) 5-15/20, (1) L5-20	3.40 (2U) x 17.30 x 25.20	68.2	\$1,715
PULSML2200-XL3U	86723	PULSAR M 120V RT3U 2.2 kVA	2200/1650	5-20	(6) 5-15/20, (1) L5-20	5.14 (3U) x 17.30 x 19.20	68.2	\$1,573
PULSML3000-XL2U	86732	PULSAR M 120V RT2U 3 kVA	3000/2550	L5-30	(6) 5-15/20, (1) L5-30	3.40 (2U) x 17.30 x 25.20	68.2	\$2,712
PULSML3000-XL3U	86733	PULSAR M 120V RT3U 3 kVA	3000/2550	L5-30	(6) 5-15/20, (1) L5-30	5.14 (3U) x 17.30 x 19.20	66.0	\$2,518
PULSML3000-XL3UXL	86735	PULSAR M 120V RT3U XL 3 kVA	3000/2150	L5-30	(6) 5-15/20, (1) L5-30	5.14 (3U) x 17.33 x 19.30	66.0	\$3,251

### PULSAR M, INTERNATIONAL MODELS: 230V

PULSML3000-XL3U should be **\$2,003**, not \$2,518

Catalog Number	Style Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PULSMI2200-XL2U	68401	PULSAR M 230V RT2U 2.2 kVA	2200/1650	IEC C20 (16A) or terminal block on Hot-swap MBP (HW)	(8) IEC C13 (10A) (1) IEC C19 (16A)	3.39 x 17.32 x 25.20	68.3	\$2,126
PULSMI2200-XL3U	68400	PULSAR M 230V RT3U 2.2 kVA	2200/1650	IEC C20 (16A) or terminal block on Hot-swap MBP (HW)	(8) IEC C13 (10A) (1) IEC C19 (16A)	5.16 x 17.32 x 19.29	66.1	\$1,913
PULSMI3000-XL2U	68403	PULSAR M 230V RT2U 3 kVA	3000/2550	IEC C20 (16A) or terminal block on Hot-swap MBP (HW)	(8) IEC C13 (10A) (1) IEC C19 (16A)	3.39 x 17.32 x 25.20	68.3	\$2,833
PULSMI3000-XL3U	68402	PULSAR M 230V RT3U 3 kVA	3000/2550	IEC C20 (16A) or terminal block on Hot-swap MBP (HW)	(8) IEC C13 (10A) (1) IEC C19 (16A)	5.16 x 17.32 x 19.29	66.1	\$2,550
PULSMI3000-XL3UXL	68404	PULSAR M 230V RT3U XL 3 kVA	3000/2150	IEC C20 (16A) or terminal block on Hot-swap MBP (HW)	(8) IEC C13 (10A) (1) IEC C19 (16A)	5.16 x 17.32 x 19.29	37.4	\$3,281

### PULSAR M OPTIONS

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
<b>Extended Battery Modules</b>					
PULSMI3000-EBM	68405	PULSAR M 120/230V RT EBM 2-3 kVA	5.16 x 17.32 x 19.29	92.4	\$958
<b>Optional Mounting Hardware</b>					
PULSM-RAIL	68441	PULSAR M 2U/3U RAIL KIT	-	-	\$196

### PULSAR M SERVICE PLANS

#### Warranty+ Extended Warranty (Depot Repair)

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
2200 VA	3 YR	2200EXWAR1YRPULSMU	\$296.99	2200EXWAR1YRPULSMB	\$296.99
	5 YR	2200EXWAR3YRPULSMU	\$683.10	2200EXWAR3YRPULSMB	\$683.10
3000 VA	3 YR	3000EXWAR1YRPULSMU	\$296.99	3000EXWAR1YRPULSMB	\$296.99
	5 YR	3000EXWAR3YRPULSMU	\$683.10	3000EXWAR3YRPULSMB	\$683.10

#### On-site PowerTrust Service Plans include startup, annual PM and eNotify Remote Monitoring service

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
2200 VA	2 YR	2200PT2YRPULSMU	\$1,958.00	2200PT2YRPULSMB	\$195.80
	3 YR	2200PT3YRPULSMU	\$3,245.00	2200PT3YRPULSMB	\$324.50
	5 YR	2200PT5YRPULSMU	\$5,775.00	2200PT5YRPULSMB	\$577.50
3000 VA	2 YR	3000PT2YRPULSMU	\$1,958.00	3000PT2YRPULSMB	\$195.80
	3 YR	3000PT3YRPULSMU	\$3,245.00	3000PT3YRPULSMB	\$324.50
	5 YR	3000PT5YRPULSMU	\$5,775.00	3000PT5YRPULSMB	\$577.50

## PULSAR M UPS (continued)

### MGE Office Protection Systems family

#### PULSAR M SERVICE PLANS (continued)

On-site Flex Service Plans include startup and eNotify Remote Monitoring service

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
2200 VA	2 YR	2200FLEX2YRPULSMU	\$1,389.00	2200FLEX2YRPULSMB	\$138.90
	3 YR	2200FLEX3YRPULSMU	\$2,108.00	2200FLEX3YRPULSMB	\$210.80
	5 YR	2200FLEX5YRPULSMU	\$3,500.00	2200FLEX5YRPULSMB	\$350.00
3000 VA	2 YR	3000FLEX2YRPULSMU	\$1,389.00	3000FLEX2YRPULSMB	\$138.90
	3 YR	3000FLEX3YRPULSMU	\$2,108.00	3000FLEX3YRPULSMB	\$210.80
	5 YR	3000FLEX5YRPULSMU	\$3,500.00	3000FLEX5YRPULSMB	\$350.00

#### Startup and Preventive Maintenance Service (7x24)

Product	Part Number	List Price	Product	Part Number	List Price
<b>On-site Startup</b>			<b>On-site Preventive Maintenance</b>		
2200 VA	2200SUPULSMU	\$895	2200 VA	2200PMPULSMU	\$895
3000 VA	3000SUPULSMU	\$895	3000 VA	3000PMPULSMU	\$895

7x24 prices listed above also apply to 5x8 services. UPS coverage required for battery module coverage. Additional information about service plan features can be found in the Single-phase Service Plans Overview section of this reference guide.

#### PULSAR M BATTERY BACKUP TIMES (in minutes)

Load (VA/Watts)	Standard				
	Internal Batteries	+1 EBM	+2 EBMs	+3 EBMs	+4 EBMs
<b>Pulsar M 2200 RT 2U &amp; 3U*</b>					
220/198	90	352	587	831	1216
440/396	55	225	380	532	753
660/594	34	146	248	349	475
800/720	26	115	191	282	380
1100/990	17	84	135	215	286
1320/1188	14	72	117	184	243
1540/1386	11	61	99	153	199
1760/1584	9	51	82	127	169
1980/1782	8	42	67	105	152
2200/1980	7	34	51	83	134
<b>Pulsar M 3000 RT 2U &amp; 3U**</b>					
300/270	74	280	460	640	840
600/540	32	150	269	340	470
900/810	20	86	170	220	300
1200/1080	14	62	130	170	230
1500/1350	10	48	100	140	170
1800/1620	8	36	80	110	150
2100/1890	6	32	72	95	120
2400/2160	5	26	60	80	105
2700/2430	4	22	50	70	90
3000/2700	3	18	36	52	70
<b>Pulsar M 3000 RT 3U XL***</b>					
300/270	–	168	336	502	665
600/540	–	107	214	319	423
900/810	–	70	142	211	280
1200/1080	–	51	109	162	215
1500/1350	–	34	79	117	155
1800/1620	–	29	66	99	131
2100/1890	–	23	54	81	107
2400/2160	–	19	45	67	88
2700/2430	–	16	36	54	72
3000/2700	–	12	28	42	56

\* Output power rating = 1650W

\*\* Standard configuration power rating = 2550W, with EBM = 2100W

\*\*\* Output power rating = 2150W; up to 12 EBMs can be added for extended runtime of 196–1909 minutes

Note: Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

# EATON 9130 UPS RACK/TOWER

## Double-conversion UPS (700–3000 VA)

The Eaton 9130 UPS provides more real power and greener IT with high performance protection and battery backup for unpredictable power in any IT environment.

- Cuts energy usage and costs with >95% efficiency rating in high efficiency mode
- Conserves valuable rack space with 2U rackmount form factor that includes internal batteries and a 4-post rail kit
- Provides more real power (watts) to protect more equipment and leave room for expanding IT systems with a 0.9 power factor
- Simplifies UPS monitoring and management with a bright LCD user interface, intuitive power management software and optional eNotify Remote Monitoring service
- Increases battery service life and system uptime with ABM battery-charging technology and hot-swappable batteries
- Maximizes runtimes with optional extended battery modules (compatible with all units except the 700 VA tower models)
- Warranty (US and Canada): Two-year limited warranty, extended warranty, on-site Flex and on-site PowerTrust service plans, and \$250,000 load protection guarantee



## 9130 NORTH AMERICAN RACK MODELS: 120V, 50/60 Hz

Catalog Number	Description	Rating (VA/Watts)	Input Connection <sup>1</sup>	Output Receptacles	Dimensions (H x W x D, inches) <sup>2</sup>	Weight (lb)	List Price
PW9130L700R-XL2U	PW9130 700 120V RACK	700/630	5-15P	(6) 5-15R	3.4 x 17.2 x 17.7	35.3	\$810
PW9130L1000R-XL2U	PW9130 1000 120V RACK	1000/900	5-15P	(6) 5-15R	3.4 x 17.2 x 17.7	35.3	\$1,034
PW9130L1500R-XL2U	PW9130 1500 120V RACK	1500/1350	5-15P	(6) 5-15R	3.4 x 17.2 x 17.7	43.0	\$1,315
PW9130L2000R-XL2U	PW9130 2000 120V RACK	2000/1800	5-20P	(6) 5-15/20R, (1) L5-20R	3.4 x 17.2 x 23.6	63.9	\$1,780
PW9130L2500R-XL2U	PW9130 2500 120V RACK	2500/2250	L5-30P	(6) 5-15/20R, (1) L5-30R	3.4 x 17.2 x 23.6	65.0	\$2,360
PW9130L3000R-XL2U	PW9130 3000 120V RACK	3000/2700	L5-30P	(6) 5-15/20R, (1) L5-30R	3.4 x 17.2 x 23.6	65.0	\$2,992

## 9130 GLOBAL RACK MODELS: 208V, 50/60 Hz

Catalog Number	Description	Rating (VA/Watts)	Input Connection <sup>1</sup>	Output Receptacles	Dimensions (H x W x D, inches) <sup>2</sup>	Weight (lb)	List Price
PW9130G1000R-XL2U	PW9130 1000G RACK	1000/900	L6-20P <sup>3</sup>	(1) L6-20R, (2) 6-20R	3.4 x 17.2 x 17.7	35.3	\$995
PW9130G2000R-XL2U	PW9130 2000G RACK	2000/1800	L6-20P <sup>3</sup>	(1) L6-20R, (4) 6-20R	3.4 x 17.2 x 23.6	63.9	\$1,855
PW9130G2500R-XL2U	PW9130 2500G RACK	2500/2250	L6-20P <sup>4</sup>	(1) L6-30R, (1) L6-20R, (2) 6-20R	3.4 x 17.2 x 23.6	65.0	\$2,455
PW9130G3000R-XL2U	PW9130 3000G RACK	3000/2700	L6-30P <sup>4</sup>	(1) L6-30R, (1) L6-20R, (2) 6-20R	3.4 x 17.2 x 23.6	65.0	\$2,830
PW9130G1000R-XL2UEU	PW9130 1000G EU RACK	1000/900	L6-20P <sup>3</sup>	(6) C13	3.4 x 17.2 x 17.7	35.3	\$995
PW9130G2000R-XL2UEU	PW9130 2000G EU RACK	2000/1800	L6-20P <sup>3</sup>	(8) C13, (1) C19	3.4 x 17.2 x 23.6	63.9	\$1,855
PW9130G2500R-XL2UEU	PW9130 2500G EU RACK	2500/2250	L6-20P <sup>4</sup>	(8) C13, (1) C19	3.4 x 17.2 x 23.6	65.0	\$2,455
PW9130G3000R-XL2UEU	PW9130 3000G EU RACK	3000/2700	L6-20P <sup>4</sup>	(8) C13, (1) C19	3.4 x 17.2 x 23.6	65.0	\$2,830

## 9130 INTERNATIONAL RACK MODELS: 230V, 50/60 Hz

Catalog Number	Description	Rating (VA/Watts)	Input Connection <sup>1</sup>	Output Receptacles	Dimensions (H x W x D, inches) <sup>2</sup>	Weight (lb)	List Price
PW9130i1000R-XL2U	PW9130 1000 230V RACK	1000/900	C14	(6) C13	3.4 x 17.2 x 17.7	35.3	\$1,150
PW9130i1500R-XL2U	PW9130 1500 230V RACK	1500/1350	C14	(6) C13	3.4 x 17.2 x 17.7	43.0	\$1,555
PW9130i2000R-XL2U	PW9130 2000 230V RACK	2000/1800	C14	(8) C13, (1) C19	3.4 x 17.2 x 23.6	63.9	\$1,925
PW9130i3000R-XL2U	PW9130 3000 230V RACK	3000/2700	C20	(8) C13, (1) C19	3.4 x 17.2 x 23.6	65.0	\$2,830

## 9130 NORTH AMERICAN TOWER MODELS: 120V, 50/60 Hz

Catalog Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PW9130L700T	PW9130 700 120V TOWER	700/630	5-15P	(6) 5-15R	9.1 x 6.3 x 13.8	26.9	\$775
PW9130L1000T-XL	PW9130 1000 120V TOWER	1000/900	5-15P	(6) 5-15R	9.1 x 6.3 x 15.0	32.0	\$1,007
PW9130L1500T-XL	PW9130 1500 120V TOWER	1500/1350	5-15P	(6) 5-15R	9.1 x 6.3 x 16.9	41.9	\$1,305
PW9130L2000T-XL	PW9130 2000 120V TOWER	2000/1800	5-20P	(1) L5-20, (4) 5-15/20R	12.8 x 8.4 x 16.1	76.1	\$1,755
PW9130L3000T-XL	PW9130 3000 120V TOWER	3000/2700	L5-30P	(4) 5-15/20R, (1) L5-30R	12.8 x 8.4 x 16.1	76.1	\$3,009

1. Input cord length is 6 ft

2. Rack models occupy 2U of rack space and fit into 19-inch racks

3. C14, w/detachable L6-20P

4. C20, w/detachable L6-20P

# EATON 9130 UPS RACK/TOWER (continued)

## 9130 GLOBAL TOWER MODELS: 208V, 50/60 Hz

Catalog Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PW9130G1000T-XL	PW9130 1000G TOWER	1000/900	L6-20P <sup>3</sup>	(1) L6-20R, (2) 6-20R	9.1 x 6.3 x 15.0	32.0	\$970
PW9130G2000T-XL	PW9130 2000G TOWER	2000/1800	L6-20P <sup>3</sup>	(1) L6-20R, (4) 6-20R	12.8 x 8.4 x 16.1	76.1	\$1,780
PW9130G3000T-XL	PW9130 3000G TOWER	3000/2700	L6-20P <sup>4</sup>	(1) L6-30R, (1) L6-20R, (2) 6-20R	12.8 x 8.4 x 16.1	76.1	\$2,860
PW9130G1000T-XLEU	PW9130 1000G EU TOWER	1000/900	L6-20P <sup>3</sup>	(6) C13	9.1 x 6.3 x 15.0	32.0	\$970
PW9130G2000T-XLEU	PW9130 2000G EU TOWER	2000/1800	L6-20P <sup>3</sup>	(8) C13, (1) C19	12.8 x 8.4 x 16.1	76.1	\$1,780
PW9130G3000T-XLEU	PW9130 3000G EU TOWER	3000/2700	L6-20P <sup>4</sup>	(8) C13, (1) C19	12.8 x 8.4 x 16.1	76.1	\$2,860

## 9130 INTERNATIONAL TOWER MODELS: 230V, 50/60 Hz

Catalog Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PW9130i700T	PW9130 700 230V TOWER	700/630	C14	(6) C13	9.1 x 6.3 x 13.8	26.9	\$810
PW9130i1000T-XL	PW9130 1000 230V TOWER	1000/900	C14	(6) C13	9.1 x 6.3 x 15.0	32.0	\$960
PW9130i1500T-XL	PW9130 1500 230V TOWER	1500/1350	C14	(6) C13	9.1 x 6.3 x 16.9	41.9	\$1,370
PW9130i2000T-XL	PW9130 2000 230V TOWER	2000/1800	C14	(8) C13, (1) C19	12.8 x 8.4 x 16.1	76.1	\$1,840
PW9130i3000T-XL	PW9130 3000 230V TOWER	3000/2700	C20	(8) C13, (1) C19	12.8 x 8.4 x 16.1	76.1	\$2,860

1. Input cord length is 6 ft
2. Rack models occupy 2U of rack space and fit into 19-inch racks
3. C14, w/detachable L6-20P
4. C20, w/detachable L6-20P

## 9130 OPTIONS

Catalog Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
<b>Extended Battery Modules, Rack Models</b>				
PW9130N1000R-EBM2U	PW9130 700/1000 EBM Rack	3.4 x 17.2 x 17.7	48.7	\$680
PW9130N1500R-EBM2U	PW9130 1500 EBM Rack	3.4 x 17.2 x 17.7	62.0	\$672
PW9130N3000R-EBM2U	PW9130 2000/3000 EBM Rack	3.4 x 17.2 x 23.6	90.6	\$799
<b>Extended Battery Modules, Tower Models</b>				
PW9130N1000T-EBM	PW9130 1000 EBM Tower	9.1 x 6.3 x 15.0	40.8	\$560
PW9130N1500T-EBM	PW9130 1500 EBM Tower	9.1 x 6.3 x 16.9	53.6	\$705
PW9130N3000T-EBM	PW9130 2000/3000 EBM Tower	12.8 x 8.4 x 16.1	110.3	\$808

## 9130 RACK/TOWER SERVICE PLANS

### Warranty+ Extended Warranty (Depot Repair)

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
700 VA	3 YR	700EXWAR1YR9130U	\$80.99	700EXWAR1YR9130B	\$80.99
	5 YR	700EXWAR3YR9130U	\$188.99	700EXWAR3YR9130B	\$188.99
1000 VA	3 YR	1000EXWAR1YR9130U	\$80.99	1000EXWAR1YR9130B	\$80.99
	5 YR	1000EXWAR3YR9130U	\$188.99	1000EXWAR3YR9130B	\$188.99
1500 VA	3 YR	1500EXWAR1YR9130U	\$152.99	1500EXWAR1YR9130B	\$152.99
	5 YR	1500EXWAR3YR9130U	\$350.99	1500EXWAR3YR9130B	\$350.99
2000 VA	3 YR	2000EXWAR1YR9130U	\$296.99	2000EXWAR1YR9130B	\$296.99
	5 YR	2000EXWAR3YR9130U	\$683.10	2000EXWAR3YR9130B	\$683.10
2500 VA	3 YR	2500EXWAR1YR9130U	\$296.99	2500EXWAR1YR9130B	\$296.99
	5 YR	2500EXWAR3YR9130U	\$683.10	2500EXWAR3YR9130B	\$683.10
3000 VA	3 YR	3000EXWAR1YR9130U	\$296.99	3000EXWAR1YR9130B	\$296.99
	5 YR	3000EXWAR3YR9130U	\$683.10	3000EXWAR3YR9130B	\$683.10

# EATON 9130 UPS RACK/TOWER (continued)

## 9130 RACK AND TOWER SERVICE PLANS (continued)

On-site PowerTrust Service Plans include startup, annual PM and eNotify Remote Monitoring service

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
700 VA	2 YR	700PT2YR9130U	\$1,958.00	700PT2YR9130B	\$195.80
	3 YR	700PT3YR9130U	\$3,245.00	700PT3YR9130B	\$324.50
	5 YR	700PT5YR9130U	\$5,775.00	700PT5YR9130B	\$577.50
1000 VA	2 YR	1000PT2YR9130U	\$1,958.00	1000PT2YR9130B	\$195.80
	3 YR	1000PT3YR9130U	\$3,245.00	1000PT3YR9130B	\$324.50
	5 YR	1000PT5YR9130U	\$5,775.00	1000PT5YR9130B	\$577.50
1500 VA	2 YR	1500PT2YR9130U	\$1,958.00	1500PT2YR9130B	\$195.80
	3 YR	1500PT3YR9130U	\$3,245.00	1500PT3YR9130B	\$324.50
	5 YR	1500PT5YR9130U	\$5,775.00	1500PT5YR9130B	\$577.50
2000 VA	2 YR	2000PT2YR9130U	\$1,958.00	2000PT2YR9130B	\$195.80
	3 YR	2000PT3YR9130U	\$3,245.00	2000PT3YR9130B	\$324.50
	5 YR	2000PT5YR9130U	\$5,775.00	2000PT5YR9130B	\$577.50
2500 VA	2 YR	2500PT2YR9130U	\$1,958.00	2500PT2YR9130B	\$195.80
	3 YR	2500PT3YR9130U	\$3,245.00	2500PT3YR9130B	\$324.50
	5 YR	2500PT5YR9130U	\$5,775.00	2500PT5YR9130B	\$577.50
3000 VA	2 YR	3000PT2YR9130U	\$1,958.00	3000PT2YR9130B	\$195.80
	3 YR	3000PT3YR9130U	\$3,245.00	3000PT3YR9130B	\$324.50
	5 YR	3000PT5YR9130U	\$5,775.00	3000PT5YR9130B	\$577.50

On-site Flex Service Plans include startup and eNotify Remote Monitoring service

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
700 VA	2 YR	700FLEX2YR9130U	\$1,389.00	700FLEX2YR9130B	\$138.90
	3 YR	700FLEX3YR9130U	\$2,108.00	700FLEX3YR9130B	\$210.80
	5 YR	700FLEX5YR9130U	\$3,500.00	700FLEX5YR9130B	\$350.00
1000 VA	2 YR	1000FLEX2YR9130U	\$1,389.00	1000FLEX2YR9130B	\$138.90
	3 YR	1000FLEX3YR9130U	\$2,108.00	1000FLEX3YR9130B	\$210.80
	5 YR	1000FLEX5YR9130U	\$3,500.00	1000FLEX5YR9130B	\$350.00
1500 VA	2 YR	1500FLEX2YR9130U	\$1,389.00	1500FLEX2YR9130B	\$138.90
	3 YR	1500FLEX3YR9130U	\$2,108.00	1500FLEX3YR9130B	\$210.80
	5 YR	1500FLEX5YR9130U	\$3,500.00	1500FLEX5YR9130B	\$350.00
2000 VA	2 YR	2000FLEX2YR9130U	\$1,389.00	2000FLEX2YR9130B	\$138.90
	3 YR	2000FLEX3YR9130U	\$2,108.00	2000FLEX3YR9130B	\$210.80
	5 YR	2000FLEX5YR9130U	\$3,500.00	2000FLEX5YR9130B	\$350.00
2500 VA	2 YR	2500FLEX2YR9130U	\$1,389.00	2500FLEX2YR9130B	\$138.90
	3 YR	2500FLEX3YR9130U	\$2,108.00	2500FLEX3YR9130B	\$210.80
	5 YR	2500FLEX5YR9130U	\$3,500.00	2500FLEX5YR9130B	\$350.00
3000 VA	2 YR	3000FLEX2YR9130U	\$1,389.00	3000FLEX2YR9130B	\$138.90
	3 YR	3000FLEX3YR9130U	\$2,108.00	3000FLEX3YR9130B	\$210.80
	5 YR	3000FLEX5YR9130U	\$3,500.00	3000FLEX5YR9130B	\$350.00

### Startup and Preventive Maintenance Service (7x24)

Product	Part Number	List Price	Product	Part Number	List Price
<b>On-site Startup</b>			<b>On-site Preventive Maintenance</b>		
700 VA	700SU9130U	\$895	700 VA	700PM9130U	\$895
1000 VA	1000SU9130U	\$895	1000 VA	1000PM9130U	\$895
1500 VA	1500SU9130U	\$895	1500 VA	1500PM9130U	\$895
2000 VA	2000SU9130U	\$895	2000 VA	2000PM9130U	\$895
2500 VA	2500SU9130U	\$895	2500 VA	2500PM9130U	\$895
3000 VA	3000SU9130U	\$895	3000 VA	3000PM9130U	\$895

7x24 prices listed above also apply to 5x8 services. UPS coverage required for battery module coverage. Additional information about service plan features can be found in the Single-phase Service Plans Overview section of this reference guide.

## EATON 9130 UPS RACK/TOWER (continued)

### 9130 RACK MODELS BATTERY BACKUP TIMES (in minutes) @ 0.7 Power Factor\*

VA/Watts	Internal Batteries	+1EBM	+2 EBMs	+3 EBMs	+4 EBMs
<b>PW9130L700R-XL2U</b>					
700/490	14	55	102	148	175
525/368	20	77	140	179	239
350/245	32	124	189	282	414
175/123	64	200	395	552	739
<b>PW9130L1000R-XL2U</b>					
1000/700	10	40	73	108	149
750/525	13	58	101	152	219
500/350	24	85	172	249	304
250/175	48	190	310	451	569
<b>PW9130G1000R-XL2U / XL2UEU / PW9130i1000R-XL2U</b>					
1000/700	10	40	78	110	150
750/525	13	55	103	151	223
500/350	22	82	186	250	312
250/175	47	190	328	431	584
<b>PW9130L1500R-XL2U</b>					
1500/1050	7	34	63	88	135
1125/788	11	44	84	129	210
750/525	18	79	148	207	267
375/263	38	167	278	475	540
<b>PW9130i1500R-XL2U</b>					
1500/1050	7	32	61	98	128
1125/788	11	47	83	126	195
750/525	18	81	143	208	262
375/263	38	171	298	416	564
<b>PW9130L2000R-XL2U</b>					
2000/1400	9	45	86	124	163
1500/1050	14	66	115	165	225
1000/700	26	101	185	251	343
500/350	52	197	353	481	629
<b>PW9130G2000R-XL2U / PW9130G2000R-XL2UEU / PW9130i2000R-XL2U</b>					
2000/1400	9	46	83	118	163
1500/1050	13	64	118	170	221
1000/700	25	95	190	242	345
500/350	53	205	346	488	625
<b>PW9130L2500R-XL2U</b>					
2500/2250	7	31	59	87	119
1875/1688	10	43	81	121	154
1250/1125	17	65	120	163	203
625/563	40	145	228	363	491
<b>PW9130G2500R-XL2U / PW9130G2500R-XL2UEU</b>					
2500/2250	7	31	59	87	119
1875/1688	10	43	81	121	154
1250/1125	17	65	120	163	203
625/563	40	145	228	363	491
<b>PW9130L3000R-XL2U</b>					
3000/2100	5	25	48	72	100
2250/1575	8	37	72	102	137
1500/1050	13	60	100	165	223
750/525	34	138	228	326	438
<b>PW9130G3000R-XL2U / PW9130G3000R-XL2UEU / PW9130i3000R-XL2U</b>					
3000/2100	6	25	45	68	96
2250/1575	8	34	70	96	130
1500/1050	14	62	92	156	211
750/525	34	130	212	355	442

\*Battery backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc. The 9130 has a 0.9 power factor, but runtimes are shown here at 0.7 power factor for easy comparison against competitors' products, which have a 0.7 power factor.



## EATON 9130 UPS RACK/TOWER (continued)

### 9130 TOWER MODELS BATTERY BACKUP TIMES (in minutes) @ 0.7 Power Factor\* (continued)

VA/Watts	Internal Batteries	+1EBM	+2 EBMs	+3 EBMs	+4 EBMs
<b>PW9130L700R-XL2U</b>					
700/490	8	N/A	N/A	N/A	N/A
525/368	12	N/A	N/A	N/A	N/A
350/245	21	N/A	N/A	N/A	N/A
175/123	37	N/A	N/A	N/A	N/A
<b>PW9130L700R-XL2U</b>					
700/490	8	N/A	N/A	N/A	N/A
525/368	12	N/A	N/A	N/A	N/A
350/245	19	N/A	N/A	N/A	N/A
175/123	35	N/A	N/A	N/A	N/A
<b>PW9130L1000T-XL</b>					
1000/700	10	40	73	108	149
750/525	13	58	101	152	219
500/350	24	85	172	249	304
250/175	48	190	310	451	569
<b>PW9130G1000T-XL / XLEU / PW9130i1000T-XL</b>					
1000/700	10	40	78	110	150
750/525	13	55	103	151	223
500/350	22	82	186	250	312
250/175	47	190	328	431	584
<b>PW9130L1500T-XL</b>					
1500/1050	7	34	63	88	135
1125/788	11	44	84	129	210
750/525	18	81	143	208	262
375/263	38	171	298	416	564
<b>PW9130i1500T-XL</b>					
1500/1050	7	32	61	88	135
1125/788	11	47	83	126	195
750/525	18	81	143	208	262
375/263	38	171	298	416	564
<b>PW9130L2000T-XL</b>					
2000/1400	15	61	111	156	194
1500/1050	21	81	145	184	269
1000/700	34	129	198	193	410
500/350	72	225	449	590	766
<b>PW9130G2000T-XL / XLEU / PW9130i2000T-XL</b>					
2000/1400	15	61	111	156	186
1500/1050	21	81	145	184	248
1000/700	34	129	198	293	410
500/350	72	225	449	590	766
<b>PW9130L3000T-XL</b>					
3000/2100	9	35	66	95	132
2250/1575	13	53	100	139	183
1500/1050	22	86	153	221	267
750/525	69	168	298	395	545
<b>PW9130G3000T-XL / XLEU / PW9130i3000T-XL</b>					
3000/2100	9	36	68	101	137
2250/1575	12	49	90	134	165
1500/1050	20	79	143	180	240
750/525	46	161	267	434	547

\*Battery backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc. The 9130 has a 0.9 power factor, but runtimes are shown here at 0.7 power factor for easy comparison against competitors' products, which have a 0.7 power factor.

# EATON 9135 UPS RACK/TOWER

## Double-conversion UPS (5000–6000 VA)

The Eaton 9135 UPS offers advanced power protection and battery backup for any IT environment, including networking, centralized retail and manufacturing.

- Protects mission critical applications from downtime, data loss and corruption, and process interruption by providing continuous, clean power
- Shields connected equipment from damage or degradation caused by power anomalies
- Enables extended backup power time for critical systems through orderly shutdown of non-essential equipment during power outages
- Provides application flexibility by offering rackmount or tower installation options, in a 3U chassis
- Ensures data and system integrity with a complete power management software suite
- Warranty (US and Canada): Two-year limited warranty, extended warranty, on-site Flex and on-site PowerTrust service plans and \$250,000 load protection guarantee



### 9135 GLOBAL MODELS: 208V

Catalog Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
<b>9135 Rack/Tower Models: 208V, 50/60 Hz</b>							
PW9135G5000-XL3U	PW9135 5000 208V 3U	5000/3500	L6-30P	Hardwired + (4) L6-30R	5.14 (3U) x 17.5 x 29.2	125.7	\$4,250
PW9135G5000-XL3UHW	PW9135 5000HW 208V 3U	5000/3500	Hardwired	Hardwired + (4) L6-30R	5.14 (3U) x 17.5 x 29.2	125.7	\$4,200
PW9135G6000-XL3U	PW9135 6000 208V 3U	6000/4200	L6-30P	Hardwired + (4) L6-30R	5.14 (3U) x 17.5 x 29.2	125.7	\$4,975
PW9135G6000-XL3UHW	PW9135 6000HW 208V 3U	6000/4200	Hardwired	Hardwired + (4) L6-30R	5.14 (3U) x 17.5 x 29.2	125.7	\$4,925

### 9135 OPTIONS

Catalog Number	Description	Input Voltage (Vac)	Output Voltage (Vac)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
<b>Extended Battery Module</b>								
PW9135N6000-EBM3U	PW9135 EBM R/T 3U	–	–	–	–	5.14 (3U) x 17.5 x 25.6	155.4	\$1,450
<b>PowerPass Distribution Modules (PPDM)—for use with 208V models only.<sup>1</sup></b>								
103003214-6501 <sup>2</sup>	PPDM, L6-30	208–240	208–240/120	L6-30P	(1) L6-30R, (8) 5-15R	5.25 x 17.4 x 24.8	106.0	\$999
103003214-6502 <sup>2</sup>	PPDM, L6-20	208–240	208–240/120	L6-30P	(1) L6-20R, (8) 5-15R	5.25 x 17.4 x 24.8	106.0	\$999
103003214-6503 <sup>2</sup>	PPDM, L5-30	208–240	208–240/120	L6-30P	(1) L5-30R, (8) 5-15R	5.25 x 17.4 x 24.8	106.0	\$999
103003214-6504 <sup>2</sup>	PPDM, L14-30R	208–240	208–240/120	L6-30P	(1) L14-30R, (8) 5-15R	5.25 x 17.4 x 24.8	106.0	\$999
103003214-6505 <sup>2</sup>	PPDM, HW	208–240	208–240/120	Hardwired	Hardwired	5.25 x 17.4 x 24.8	106.0	\$999
103003214-6506 <sup>2</sup>	PPDM, EURO HW	208–240	208–240/120	Hardwired	Hardwired	5.25 x 17.4 x 24.8	106.0	\$999
103003214-6507 <sup>2</sup>	PPDM, L6-30 & L14-30	208–240	208–240/120	L6-30P	(1) L6-30R, (1) L14-30R, (4) 5-15R	5.25 x 17.4 x 24.8	106.0	\$999
103003214-6508 <sup>2</sup>	PPDM, (2) L6-30 <sup>3</sup>	208–240	208–240/120	L6-30P	(2) L6-30R, (4) 5-20R	5.25 x 17.4 x 24.8	106.0	\$999
103003214-6509 <sup>2</sup>	PPDM, (2) L6-20 <sup>3</sup>	208–240	208–240/120	L6-30P	(2) L6-20R, (4) 5-20R	5.25 x 17.4 x 24.8	106.0	\$999
<b>Optional Mounting Hardware – PPDM</b>								
103003226-001	Mounting Rail Kit–4 post only (Black)	-	-	-	-	-	-	\$119

1. User-selectable for 208, 220, 230, and 240V. 2. All models fit in 19-inch rack enclosures with the purchase of a rackmount kit. 3. Black only.

Note: Input and output to the UPS is via L6-30P and L6-30R connection.

### 9135 RACK/TOWER SERVICE PLANS

#### Warranty+ Extended Warranty (Depot Repair)

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
5000 VA	3 YR	5000EXWAR1YR9135U	\$296.99	5000EXWAR1YR9135B	\$296.99
	5 YR	5000EXWAR3YR9135U	\$683.10	5000EXWAR3YR9135B	\$683.10
6000 VA	3 YR	6000EXWAR1YR9135U	\$296.99	6000EXWAR1YR9135B	\$296.99
	5 YR	6000EXWAR3YR9135U	\$683.10	6000EXWAR3YR9135B	\$683.10

# EATON 9135 UPS RACK/TOWER (continued)

## 9135 RACK/TOWER SERVICE PLANS (continued)

**On-site PowerTrust Service Plans include startup, annual PM and eNotify Remote Monitoring service**

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
5000 VA	2 YR	5000PT2YR9135U	\$1,958.00	5000PT2YR9135B	\$391.30
	3 YR	5000PT3YR9135U	\$3,245.00	5000PT3YR9135B	\$649.00
	5 YR	5000PT5YR9135U	\$5,775.00	5000PT5YR9135B	\$1,155.00
6000 VA	2 YR	6000PT2YR9135U	\$1,958.00	6000PT2YR9135B	\$391.30
	3 YR	6000PT3YR9135U	\$3,245.00	6000PT3YR9135B	\$649.00
	5 YR	6000PT5YR9135U	\$5,775.00	6000PT5YR9135B	\$1,155.00

**On-site Flex Service Plans include startup and eNotify Remote Monitoring service**

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
5000 VA	2 YR	5000FLEX2YR9135U	\$1,389.00	5000FLEX2YR9135B	\$277.80
	3 YR	5000FLEX3YR9135U	\$2,108.00	5000FLEX3YR9135B	\$421.60
	5 YR	5000FLEX5YR9135U	\$3,500.00	5000FLEX5YR9135B	\$700.00
6000 VA	2 YR	6000FLEX2YR9135U	\$1,389.00	6000FLEX2YR9135B	\$277.80
	3 YR	6000FLEX3YR9135U	\$2,108.00	6000FLEX3YR9135B	\$422.60
	5 YR	6000FLEX5YR9135U	\$3,500.00	6000FLEX5YR9135B	\$700.00

**Startup and Preventive Maintenance Service (7x24)**

Product	Part Number	List Price	Product	Part Number	List Price
<b>On-site Startup</b>			<b>On-site Preventive Maintenance</b>		
5000 VA	5000SU9135U	\$895	5000 VA	5000PM9135U	\$895
6000 VA	6000SU9135U	\$895	6000 VA	6000PM9135U	\$895

7x24 prices listed above also apply to 5x8 services. UPS coverage required for battery module coverage. Additional information about service plan features can be found in the Single-phase Service Plans Overview section of this reference guide.

## 9135 BATTERY BACKUP TIMES (in minutes)\*

Load (VA/Watts)	Standard	+1 EBM	+2 EBMs	+3 EBMs	+4 EBMs
	Internal Batteries				
1000/700	36	132	232	332	433
2000/1400	13	52	95	140	184
3000/2100	10	40	74	110	146
4000/2800	7	29	53	80	107
5000/3500	5	22	41	62	83
6000/4200 **	4	18	33	50	68

\* Backup times are approximate and vary with equipment, configuration, battery age, temperature, etc.

\*\* Runtimes available for the 6 kVA model only.

## PULSAR MX UPS

### MGE Office Protection Systems family

#### Double-conversion UPS (5000 VA, upgradeable to 20,000 VA)

A unique, true double-conversion product family designed to let you pay-as-you-grow with high-density power protection. Can be used for 20 to 110 servers, ideal for departmental networks, servers and workstations.

- Two front access hot-swappable sub-modules (power and battery) for maintenance without load interruption
- Automatic battery test (test period can be set)
- Internal bypass built-in to supply the load even if the UPS fails
- Large input voltage and frequency ranges to avoid using the batteries unnecessarily



#### PULSAR MX STANDALONE MODELS

Catalog Number	Style Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PULSMXG5000-XL3U	87050	Pulsar MX 5000 VA RT	5000/4500	Terminal Block with L6-30 cord	Hardwired, (4) L6-30	5.14 (3U) x 17.50 x 27.60	125.7	\$4,150
PULSMXL5000-XL5U	87150	Pulsar MX 5000 VA RT LV	5000/4500	Terminal Block with L6-30 cord	Hardwired, (3) L6-30, (2) L5-20, (6) 5-20	8.64 (5U) x 17.50 x 27.60	209.7	\$5,400

#### PULSAR MX FRAME ENCLOSURES: 208/240V

Catalog Number	Style Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PULSMXG0K10-XL10U	87011	Pulsar MX 10U	Scalable to 10 kVA Frame Empty	Hardwired	Hardwired, (4) L6-30	16.70 (10U) x 17.50 x 28.20	99.2	\$4,808
PULSMXG5K10-XL10U	87015	Pulsar MX 10U	Scalable to 10 kVA Frame 5 kVA	Hardwired	Hardwired, (4) L6-30	16.70 (10U) x 17.50 x 28.30	190.0	\$7,560
PULSMXG10K10-XL10U	87010	Pulsar MX 10U	10000/9000 Frame 10 kVA	Hardwired	Hardwired, (4) L6-30	16.70 (10U) x 17.50 x 28.40	280.0	\$9,862
PULSMXG0K20-XL16U	87021	Pulsar MX 16U	Scalable to 20 kVA Frame Empty	Hardwired	Hardwired, (8) L6-30	31.30 (16U) x 17.50 x 29.10	157.0	\$5,192
PULSMXG15K20-XL16U	87415	Pulsar MX 16U	Scalable to 20 kVA Frame 15 kVA	Hardwired	Hardwired, (8) L6-30	31.30 (16U) x 17.50 x 29.20	428.0	\$12,099
PULSMXG20K20-XL16U	87420	Pulsar MX 16U	20000/18000 Frame 20 kVA	Hardwired	Hardwired, (8) L6-30	31.30 (16U) x 17.50 x 29.30	517.0	\$14,275

#### PULSAR MX OPTIONS

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
72-153653-01	72-153653-01	8' input cable with L6-30P	15.48 (9U) x 17.49 x 28.00	-	\$159
PULSMXL5000-XFMR2U	87102	Pulsar MX Transformer 5 kVA	3.50 (2U) x 17.50 x 25.60	84.0	\$1,250
PULSMXG5000-PWR	87100	Pulsar MX Power Sub-module	7.80 x 5.00 x 23.74	32.0	\$1,965
68528	68528	Pulsar MX 6-foot battery cable	-	-	\$63
87410	87410	Caster/Floor Mount Kit for Pulsar MX Frame	-	-	\$181
PULSMXN20K-XFMR	87482	Pulsar MX-K 20 kVA Transformer	21.00 x 17.50 x 28.00	322.0	\$6,999
<b>Extended Battery Modules</b>					
PULSMXG5000-EBM3U	87103	Pulsar MX EBM	5.14 (3U) x 17.50 x 25.60	154.0	\$1,375
PULSMXG5000-BAT	87101	Pulsar MX Battery Sub-module	4.57 x 8.44 x 19.60	72.0	\$523
86005	86005	Battery Integration Kit	-	-	\$577

Note: For replacement parts, please contact our Service Group at 800.356.5737 for pricing.

# PULSAR MX UPS (continued)

## MGE Office Protection Systems family

### PULSAR MX SERVICE PLANS

#### Warranty+ Extended Warranty (Depot Repair)

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
5000 VA	3 YR	5000EXWAR1YRPULSMXU	\$296.99	5000EXWAR1YRPULSMXB	\$296.99
	5 YR	5000EXWAR3YRPULSMXU	\$683.10	5000EXWAR3YRPULSMXB	\$683.10
10000 VA	3 YR	10000EXWAR1YRPULSMXU	\$593.10	-	-
	5 YR	10000EXWAR3YRPULSMXU	\$1,372.50	-	-
15000 VA	3 YR	15000EXWAR1YRPULSMXU	\$1,372.50	-	-
	5 YR	15000EXWAR3YRPULSMXU	\$3,172.50	-	-
20000 VA	3 YR	20000EXWAR1YRPULSMXU	\$1,372.50	-	-
	5 YR	20000EXWAR3YRPULSMXU	\$3,172.50	-	-

#### On-site PowerTrust Service Plans include startup, annual PM and eNotify Remote Monitoring service

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
5000 VA	2 YR	5000PT2YRPULSMXU	\$1,958.00	5000PT2YRPULSMXB	\$391.60
	3 YR	5000PT3YRPULSMXU	\$3,245.00	5000PT3YRPULSMXB	\$649.00
	5 YR	5000PT5YRPULSMXU	\$5,775.00	5000PT5YRPULSMXB	\$1,155.00
10000 VA	2 YR	10000PT2YRPULSMXU	\$2,839.00	-	-
	3 YR	10000PT3YRPULSMXU	\$4,705.00	-	-
	5 YR	10000PT5YRPULSMXU	\$8,374.00	-	-
15000 VA	2 YR	15000PT2YRPULSMXU	\$3,427.00	-	-
	3 YR	15000PT3YRPULSMXU	\$5,679.00	-	-
	5 YR	15000PT5YRPULSMXU	\$10,106.00	-	-
20000 VA	2 YR	20000PT2YRPULSMXU	\$3,427.00	-	-
	3 YR	20000PT3YRPULSMXU	\$5,679.00	-	-
	5 YR	20000PT5YRPULSMXU	\$10,106.00	-	-

#### On-site Flex Service Plans include startup and eNotify Remote Monitoring service

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
5000 VA	2 YR	5000FLEX2YRPULSMXU	\$1,389.00	5000FLEX2YRPULSMXB	\$277.80
	3 YR	5000FLEX3YRPULSMXU	\$2,108.00	5000FLEX3YRPULSMXB	\$421.60
	5 YR	5000FLEX5YRPULSMXU	\$3,500.00	5000FLEX5YRPULSMXB	\$700.00
10000 VA	2 YR	10000FLEX2YRPULSMXU	\$2,014.00	-	-
	3 YR	10000FLEX3YRPULSMXU	\$3,057.00	-	-
	5 YR	10000FLEX5YRPULSMXU	\$5,075.00	-	-
15000 VA	2 YR	15000FLEX2YRPULSMXU	\$2,431.00	-	-
	3 YR	15000FLEX3YRPULSMXU	\$3,689.00	-	-
	5 YR	15000FLEX5YRPULSMXU	\$6,125.00	-	-
20000 VA	2 YR	20000FLEX2YRPULSMXU	\$2,431.00	-	-
	3 YR	20000FLEX3YRPULSMXU	\$3,689.00	-	-
	5 YR	20000FLEX5YRPULSMXU	\$6,125.00	-	-

#### Startup and Preventive Maintenance Service (7x24)

Product	Part Number	List Price	Product	Part Number	List Price
<b>On-site Startup</b>			<b>On-site Preventive Maintenance</b>		
5000 VA	5000SUPULSMXU	\$895	5000 VA	5000PMPULSMXU	\$895
10000 VA	10000SUPULSMXU	\$895	10000 VA	10000PMPULSMXU	\$895
15000 VA	15000SUPULSMXU	\$895	15000 VA	15000PMPULSMXU	\$895
20000 VA	20000SUPULSMXU	\$895	20000 VA	20000PMPULSMXU	\$895

7x24 prices listed above also apply to 5x8 services. Service plans apply to standalone models and frame enclosures. Additional information about service plan features can be found in the Single-phase Service Plans Overview section of this reference guide.

# PULSAR MX UPS (continued)

## MGE Office Protection Systems family

### PULSAR MX BATTERY BACKUP TIMES (in minutes)\*

Load (VA/Watts)	Standard Internal Batteries	+1 EBM	+2 EBMs	+3 EBMs
5000/3500	5	22	41	63

\* Backup times are approximate and vary with equipment, configuration, battery age, temperature, etc.

### PULSAR MX FRAME BATTERY BACKUP TIMES (in minutes)\*

Load (VA/Watts)	Standard Internal Batteries	1 EBM	2 EBMs	3 EBMs
<b>Pulsar MX 15,000 16U Frame (15 kVA/13.5 kW), No EBMs</b>				
1500/1350	56	-	-	-
3000/2700	27	-	-	-
4500/4050	17	-	-	-
6000/5400	12	-	-	-
7500/6750	9	-	-	-
9000/8100	7	-	-	-
10500/9450	5.5	-	-	-
12000/10800	4.5	-	-	-
13500/12150	4	-	-	-
15000/13500	3.5	-	-	-
<b>Pulsar MX 20,000 16U Frame (20 kVA/18 kW), No EBMs</b>				
2000/1800	56	-	-	-
4000/3600	27	-	-	-
6000/5400	17	-	-	-
8000/7200	12	-	-	-
10000/9000	9	-	-	-
12000/10800	7	-	-	-
14000/12600	5.5	-	-	-
16000/14400	4.5	-	-	-
18000/16200	4	-	-	-
20000/18000	3.5	-	-	-
<b>Pulsar MX 15,000 16U Frame (15 kVA/10.5 kW with 3 sets of batteries)</b>				
1500/1050	72	247	425	603
3000/2100	36	132	232	332
4500/3150	23	87	156	225
6000/4200	17	64	116	169
7500/5250	13	50	91	134
9000/6300	10	40	74	110
10500/7350	8	33	62	93
12000/8400	7	29	53	80
13500/9450	6	25	47	70
15000/10500	5	22	41	62
<b>Pulsar MX 20,000 16U Frame (20 kVA/14 kW with 4 sets of batteries)</b>				
2000/1400	72	247	425	603
4000/2800	36	132	232	332
6000/4200	23	87	156	225
8000/5600	17	64	116	169
10000/7000	13	50	91	134
12000/8400	10	40	74	110
14000/9800	8	33	62	93
16000/11200	7	29	53	80
18000/12600	6	25	47	70
20000/14000	5	22	41	62

\* Backup times are approximate and vary with equipment, configuration, battery age, temperature, etc.

# EATON 9140 UPS RACKMOUNT

## Double-conversion UPS (7.5–10 kVA)

Superior de-centralized power protection for medium and high-density rack environments.

- Double-conversion UPS designed for maximum reliability
- Compact design occupies only 6U of rack space, including internal batteries
- Lightweight, hot-swappable battery and electronics modules allow for easy installation and service
- Pre-installed rackmount hardware significantly reduces installation time
- Extends battery runtime for up to 45 minutes with up to four 3U EBM's
- Intuitive LCD interface provides detailed information and UPS management in multiple languages
- USB and serial ports standard, optional X-Slot communication card
- Warranty (US and Canada): Two-year limited warranty and \$250,000 load protection guarantee



## 9140 USER SELECTABLE MODELS: 208–240V IN (SINGLE-PHASE)

208–240 Vac in (single-phase) or 220–380 Vac in (three-phase) / 208–240 Vac out

Model	Part Number	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PW9140 7500 HW	103005093-6591	7500/6000	Hardwired	Hardwired, (3) C19, (2) C13	10.5 (6U) x 17.2 x 31.1	254	\$5,575
PW9140 10000 HW	103004728-6591	10000/8000	Hardwired	Hardwired, (3) C19, (2) C13	10.5 (6U) x 17.2 x 31.1	254	\$6,344
PW9140 7500	103005094-6591	7500/6000	IEC309-60A cord	IEC309-60A cord, (4) C19	10.5 (6U) x 17.2 x 31.1	265	\$6,115
PW9140 10000	103004727-6591	10000/8000	IEC309-60A cord	IEC309-60A cord, (4) C19	10.5 (6U) x 17.2 x 31.1	265	\$6,779

## 9140 OPTIONS

Model	Part Number	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
<b>9140 PowerPass-Distribution Modules (PPDMs)</b>						
<del>3000 VA 208–240 Vac in–120 Vac out</del>						
<del>PDM1-HV-US-P1</del>	<del>103002739-6591</del>	<del>IEC320-C20</del>	<del>(1) L14-30R &amp; (6) 5-20R</del>	<del>3.5 (2U) x 17.0 x 23.9</del>	<del>50</del>	<del>\$999</del>
<del>PDM1-HV-US-P2</del>	<del>103002730-6501</del>	<del>IEC320-C20</del>	<del>(1) L5-30R &amp; (6) 5-20R</del>	<del>3.5 (2U) x 17.0 x 23.9</del>	<del>50</del>	<del>\$999</del>
<del>PDM1-HV-US-P3</del>	<del>103002731-6501</del>	<del>IEC320-C20</del>	<del>(6) 5-20R</del>	<del>3.5 (2U) x 17.0 x 23.9</del>	<del>50</del>	<del>\$999</del>
<b>Extended Battery Modules</b>						
PW9140 3U EBM <sup>1</sup>	103004729-6591			5.25 (3U) x 17.2 x 26.0	179	\$1,849

1. Up to four EBM's can be connected to a single PW9140 UPS.

Note: For replacement parts, contact our Service Group at 800.356.5737 for pricing.

## ENCLOSURES

See the Enclosures section for a comprehensive list of IT enclosure offerings.

## SOFTWARE AND CONNECTIVITY OPTIONS

Bundled with Software Suite CD and communication cable. See the software and connectivity product sections for more detail.

## 9140 SERVICE PLANS

### Gold Plans

Product	Contract Duration	Gold Plan Part Number	List Price	Gold Plan Plus Part Number	List Price	On-site Gold Plan Part Number	List Price	On-site Gold Plan Plus Part Number	List Price
7.5 kVA	2 YR	2XXGX91400750CX	\$615	2XXGP91400750CX	\$1,165	20SGX91400750CX	\$1,515	20SGP91400750CX	\$2,391
	3 YR	3XXGX91400750CX	\$1,156	3XXGP91400750CX	\$1,706	30SGX91400750CX	\$2,118	30SGP91400750CX	\$3,084
	5 YR	5XXGX91400750CX	\$2,282	5XXGP91400750CX	\$2,832	50SGX91400750CX	\$3,341	50SGP91400750CX	\$4,428
10 kVA	2 YR	2XXGX91401000CX	\$645	2XXGP91401000CX	\$1,195	20SGX91401000CX	\$1,545	20SGP91401000CX	\$2,468
	3 YR	3XXGX91401000CX	\$1,213	3XXGP91401000CX	\$1,763	30SGX91401000CX	\$2,176	30SGP91401000CX	\$3,192
	5 YR	5XXGX91401000CX	\$2,393	5XXGP91401000CX	\$2,943	50SGX91401000CX	\$3,458	50SGP91401000CX	\$4,600

# EATON 9140 UPS RACKMOUNT *(continued)*

## 9140 SERVICE PLANS *(continued)*

On-site PowerTrust Service Plans include eNotify Remote Monitoring

Product	Contract Duration	Gold Plan Part Number	List Price	Gold Plan Plus Part Number	List Price	On-site Gold Plan Part Number	List Price	On-site Gold Plan Plus Part Number	List Price
7.5 kVA	2 YR	2XPGX91400750CX	\$935	2XPGP91400750CX	\$1,485	20PGX91400750CX	\$1,835	20PGP91400750CX	\$2,711
	3 YR	3XPGX91400750CX	\$1,636	3XPGP91400750CX	\$2,186	30PGX91400750CX	\$2,598	30PGP91400750CX	\$3,564
	5 YR	5XPGX91400750CX	\$3,082	5XPGP91400750CX	\$3,632	50PGX91400750CX	\$4,141	50PGP91400750CX	\$5,228
10 kVA	2 YR	2XPGX91401000CX	\$965	2XPGP91401000CX	\$1,515	20PGX91401000CX	\$1,865	20PGP91401000CX	\$2,788
	3 YR	3XPGX91401000CX	\$1,693	3XPGP91401000CX	\$2,243	30PGX91401000CX	\$2,656	30PGP91401000CX	\$3,672
	5 YR	5XPGX91401000CX	\$3,193	5XPGP91401000CX	\$3,743	50PGX91401000CX	\$4,258	50PGP91401000CX	\$5,400

### Extended Battery Module Adder Service Plans

Product	Contract Duration	Gold Plan Part Number	List Price	Gold Plan Plus Part Number	List Price	On-site Gold Plan Part Number	List Price	On-site Gold Plan Plus Part Number	List Price
3U EBM	2 YR	2XXGX9140EBMXCX	\$164	2XXGP9140EBMXCX	\$180	20SGX9140EBMXCX	\$623	20SGP9140EBMXCX	\$837
	3 YR	3XXGX9140EBMXCX	\$587	3XXGP9140EBMXCX	\$646	30SGX9140EBMXCX	\$1,406	30SGP9140EBMXCX	\$1,834
	5 YR	5XXGX9140EBMXCX	\$1,465	5XXGP9140EBMXCX	\$1,612	50SGX9140EBMXCX	\$2,950	50SGP9140EBMXCX	\$3,805

### Startup and Preventive Maintenance Service

Product	Part Number	List Price	Product	Part Number	List Price
<b>On-site Startup</b>			<b>On-site Preventive Maintenance</b>		
5x8 Service	OSTUP9100XALLC5	\$695	5x8 Service	OXXPM9100XALLC5	\$695
7x24 Service	OSTUP9100XALLC7	\$895	7x24 Service	OXXPM9100XALLC7	\$895

On-site Gold plans are 7x24. Additional information about service plan features can be found in the Single-phase Service Plans Overview section of this reference guide.

## 9140 7.5–10 KVA SERVICE UPGRADES

Part Number	Description	List Price
103005104	kVA Service Upgrade–7.5kVA to 10kVA Corded	\$800
103005105	kVA Service Upgrade–7.5kVA to 10kVA Hardwired	\$800

## 9140 BATTERY BACKUP TIMES (in minutes)<sup>1</sup>

Load (VA/Watts)	Standard Internal Batteries	+1 EBM	+2 EBMs	+3 EBMs	+4 EBMs
1250/1000	80	137	189	275	365
2500/2000	31	61	99	138	181
3750/3000	18	38	68	92	121
5000/4000	12	27	52	69	90
6250/5000	9	21	42	55	72
7500/6000	7	17	35	46	60
8750/7000	6	14	31	40	51
10000/8000	5	12	27	35	45

1. This table provides typical information. Backup times are approximate and vary with equipment, configuration, battery age, temperature, etc.



# EX RT UPS

## MGE Office Protection Systems family

### High Performance UPS

Perfect for rack servers enclosure and industrial environment.

High-end power protection ideal for:

- Servers, whether rack-mounted or standing
- Networking & VoIP
- Storage
- Telecom equipment
- Medical equipment
- Sensitive electronic equipment in industrial environment
- High-density server virtualization environment



### EX RT

Catalog Number	Style Number	Description	Rating (VA/Watts)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
EXRTG5000-XL6UMS	86505	EXRT 5 kVA RT HV	5000/4000	Hardwired	Hardwired	10.32 (6U) x 17.49 x 26.25	192.0	\$4,169
EXRTG7000-XL6UMS	86507	EXRT 7 kVA RT HV	7000/4900	Hardwired	Hardwired	10.32 (6U) x 17.49 x 26.25	192.0	\$4,825
EXRTG11000-XL6UMS	86511	EXRT 11 kVA RT HV	11000/8000	Hardwired	Hardwired	10.32 (6U) x 17.49 x 26.25	211.0	\$6,069
EXRTL5000-XL9UMS	86506	EXRT 5 kVA RT LV	5000/4000	Hardwired	Hardwired + (2) NEMA L6-30R + (8) NEMA 5-15/20R	15.48 (9U) x 17.49 x 26.25	365.0	\$5,625
EXRTL7000-XL9UMS	86508	EXRT 7 kVA RT LV	7000/4900	Hardwired	Hardwired + (2) NEMA L6-30R + (8) NEMA 5-15/20R	15.48 (9U) x 17.49 x 26.25	365.0	\$6,700
EXRTL11000-XL9UMS	86512	EXRT 11 kVA RT LV	11000/8000	Hardwired	Hardwired + (2) NEMA L6-30R + (8) NEMA 5-15/20R	15.48 (9U) x 17.49 x 26.25	384.0	\$8,099

### EX RT POWER MODULES

Catalog Number	Style Number	Description	List Price
EXRTG5000-PWRMS	86515	EXRT 5 kVA Power Module	\$2,910
EXRTG7000-PWRMS	86516	EXRT 7 kVA Power Module	\$3,469
EXRTG11000-PWRMS	86517	EXRT 11 kVA Power Module	\$4,569

### EX RT OPTIONS

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
<b>EX RT Modules</b>					
EXRTL7000-XFMR3U	86311	EXRT 5/7 kVA Transformer Module	5.16 (3U) x 17.49 x 25.00	173.0	\$2,425
EXRTL11000-XFMR3U	86211	EXRT 11 kVA Transformer Module	5.16 (3U) x 17.49 x 25.00	173.0	\$2,677
EXRTG11000-CHR3U	86213	EXRT 5/7/11 kVA Charger Module	5.16 (3U) x 17.49 x 23.75	25.4	\$719
<b>Battery Integration</b>					
86005	86005	Battery Integration Kit / Caster Kit	-	-	\$577
86006	86006	EXRT 6-ft Battery Extension Cable	-	-	\$48
<b>Optional Mounting Hardware</b>					
86001	86001	EXRT Power Module Rail Kit	-	-	\$87
86002	86002	EXRT EBM/Transformer Rail Kit	-	-	\$58
<b>Cabling</b>					
72-153653-01	72-153653-01	8' Cord with L6-30	-	-	\$159
<b>Extended Battery Modules</b>					
EXRTG5000-UL924EBM	86218	EXRT 5 kVA EBM UL924	59.1 x 29.0 x 31.6	1088.0	\$12,163
EXRTG7000-UL924EBM	86219	EXRT 7 kVA EBM UL924	59.1 x 29.0 x 31.6	1167.0	\$12,163
86220	86220	EXRT 11 kVA EBM UL924	59.1 x 29.0 x 31.6	1721.0	\$14,808
EXRTG7000-EBM3U	86207	EXRT 5/7KVA EBM	5.16 (3U) x 17.49 x 25.00	142.0	\$1,250
EXRTG11000-EBM3U	86209	EXRT 11KVA EBM	5.16 (3U) x 17.49 x 25.00	151.0	\$1,350

Notes: EX RT UL924 Battery Cabinets must be used with EX RT Power Modules. To qualify for UL924 compliance does not require standard EX RT Battery Module. Ninety-minute runtime at full load, maximum 24 hour recharge.

# EX RT UPS (continued)

## MGE Office Protection Systems family

### EX RT SERVICE PLANS

#### Warranty+ Extended Warranty (Depot Repair)

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
5000 VA	3 YR	5000EXWAR1YREXRTU	\$296.99	5000EXWAR1YREXRTB	\$296.99
	5 YR	5000EXWAR3YREXRTU	\$683.10	5000EXWAR3YREXRTB	\$683.10
7000 VA	3 YR	7000EXWAR1YREXRTU	\$296.99	7000EXWAR1YREXRTB	\$296.99
	5 YR	7000EXWAR3YREXRTU	\$683.10	7000EXWAR3YREXRTB	\$683.10
11000 VA	3 YR	11000EXWAR1YREXRTU	\$593.10	11000EXWAR1YREXRTB	\$593.10
	5 YR	11000EXWAR3YREXRTU	\$1,372.50	11000EXWAR3YREXRTB	\$1,372.50

#### On-site PowerTrust Service Plans include startup, annual PM and eNotify Remote Monitoring service

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
5000 VA	2 YR	5000PT2YREXRTU	\$1,958.00	5000PT2YREXRTB	\$391.60
	3 YR	5000PT3YREXRTU	\$3,245.00	5000PT3YREXRTB	\$649.00
	5 YR	5000PT5YREXRTU	\$5,775.00	5000PT5YREXRTB	\$1,155.00
7000 VA	2 YR	7000PT2YREXRTU	\$1,958.00	7000PT2YREXRTB	\$391.60
	3 YR	7000PT3YREXRTU	\$3,245.00	7000PT3YREXRTB	\$649.00
	5 YR	7000PT5YREXRTU	\$5,775.00	7000PT5YREXRTB	\$1,155.00
11000 VA	2 YR	11000PT2YREXRTU	\$2,839.00	11000PT2YREXRTB	\$567.80
	3 YR	11000PT3YREXRTU	\$4,705.00	11000PT3YREXRTB	\$941.00
	5 YR	11000PT5YREXRTU	\$8,374.00	11000PT5YREXRTB	\$1,675.00

#### On-site Flex Service Plans include startup and eNotify Remote Monitoring service

Product	Contract Duration	Service Plan Part Number	List Price	Battery Module Part Number	List Price
5000 VA	2 YR	5000FLEX2YREXRTU	\$1,389.00	5000FLEX2YREXRTB	\$277.80
	3 YR	5000FLEX3YREXRTU	\$2,108.00	5000FLEX3YREXRTB	\$421.60
	5 YR	5000FLEX5YREXRTU	\$3,500.00	5000FLEX5YREXRTB	\$700.00
7000 VA	2 YR	7000FLEX2YREXRTU	\$1,389.00	7000FLEX2YREXRTB	\$277.80
	3 YR	7000FLEX3YREXRTU	\$2,108.00	7000FLEX3YREXRTB	\$421.60
	5 YR	7000FLEX5YREXRTU	\$3,500.00	7000FLEX5YREXRTB	\$700.00
11000 VA	2 YR	11000FLEX2YREXRTU	\$2,014.00	11000FLEX2YREXRTB	\$402.80
	3 YR	11000FLEX3YREXRTU	\$3,057.00	11000FLEX3YREXRTB	\$611.40
	5 YR	11000FLEX5YREXRTU	\$5,075.00	11000FLEX5YREXRTB	\$1,015.00

#### Startup and Preventive Maintenance Service (7x24)

Product	Part Number	List Price	Product	Part Number	List Price
<b>On-site Startup</b>			<b>On-site Preventive Maintenance</b>		
5000 VA	5000SUEXRTU	\$895	5000 VA	5000PMEXRTU	\$895
7000 VA	7000SUEXRTU	\$895	7000 VA	7000PMEXRTU	\$895
11000 VA	11000SUEXRTU	\$895	11000 VA	11000PMEXRTU	\$895

7x24 prices listed above also apply to 5x8 services. UPS coverage required for battery module coverage. Additional information about service plan features can be found in the Single-phase Service Plans Overview section of this reference guide.

## EX RT UPS (continued)

### MGE Office Protection Systems family

#### EX RT BATTERY BACKUP TIMES (in minutes)\*

Load (VA/Watts)	Internal Batteries	+1 EBM	+2 EBMs	+3 EBMs	+4 EBMs	+5 EBMs
<b>EXRTG5000-XL6U / EXRTL5000-XL9U</b>						
500/400	170	358	540	740	892	1220
1000/800	91	170	260	355	505	540
1500/1200	49	110	170	240	290	355
2000/1600	33	84	120	170	235	260
2500/2000	25	60	100	122	170	225
3000/2400	21	46	75	110	135	170
3500/2800	16	39	64	95	119	140
4000/3200	13	31	57	84	105	120
4500/3600	11	27	52	68	92	110
5000/4000	9	25	45	60	84	100
<b>EXRTG7000-XL6U / EXRTL7000-XL9U</b>						
700/490	121	266	447	578	756	889
1400/890	57	125	203	244	364	453
2100/1470	37	80	124	185	245	287
2800/1960	28	61	101	128	169	232
3500/2450	21	53	83	108	132	164
4200/2940	15	37	66	90	110	133
4900/3430	12	30	55	75	98	118
5600/3920	10	24	45	61	77	102
6300/4410	8	22	38	53	69	86
7000/4900	7	20	32	45	57	72
<b>EXRTG11000-XL6U / EXRTL11000-XL9U</b>						
1100/800	90	191	293	392	525	637
2200/1600	40	93	143	199	261	312
3300/2400	25	61	96	135	172	201
4400/3200	18	43	71	99	120	142
5500/4000	14	30	53	84	102	113
6600/4800	11	24	44	60	86	102
7700/5600	9	20	34	51	67	87
8800/6400	7	17	27	43	56	68
9900/7200	6	15	24	35	48	60
11000/8000	5	14	22	30	42	53

\* Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

# EATON 9155 UPS

## Double-conversion UPS (8–15 kVA)

This innovative design delivers one of the industry's best combinations of high efficiency, low input current distortion and highest power factor, while conserving valuable space and offering the most cost-effective, highest performance option available today.

- True double-conversion topology protects equipment from all nine of the most common power problems
- Industry leading power density, providing up to 13 percent more power capacity in a compact tower design including batteries
- Up to 200 percent more standard runtime out of the box, 600 percent more runtime in a smaller footprint with a 3-high module
- Up to a 74 percent footprint reduction
- Flexible voltages, as split-phase architecture creates up to 15 kVA at 100, 120, 208 or 240 Vac with no transformers required
- Flexible on-board power distribution modules (PDMs) allow for hardwired output or up to 15 different output receptacle options, reducing installation and site preparation expenses
- Plug-and-play rack enclosure power distribution with the on-board PDU
- Inherently scalable from 8–15 kVA, allowing you to pay as you grow or increase capacity with no additional hardware purchases or installation concerns
- Eaton's patented Hot Sync paralleling technology allows for wireless paralleling in the event of communications failure, providing the industry's only truly redundant paralleling technology
- Flexible 0 footprint extended run configurations allow for adding additional runtime in the same industry-leading compact footprint available



## 9155 MODELS

Model	Part Number <sup>1</sup>	Rating <sup>2</sup> (kVA/kW)	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight <sup>3</sup> (lb)	List Price
PW9155 8 kVA 32 Battery (2-high)	K40811000000000	8/7.2	Hardwired	Optional	32.2 x 12.0 x 33.7	352	\$8,954
PW9155 8 kVA 64 Battery (3-high)	K40812000000000	8/7.2	Hardwired	Optional	47.8 x 12.0 x 33.7	590	\$10,764
PW9155 8 kVA 32 Battery w/Trans. Mod. (3-high)	K40813000000000	8/7.2	Hardwired	Optional	47.8 x 12.0 x 33.7	558	\$12,542
PW9155 10 kVA 32 Battery (2-high)	K41011000000000	10/9	Hardwired	Optional	32.2 x 12.0 x 33.7	352	\$10,364
PW9155 10 kVA 64 Battery (3-high)	K41012000000000	10/9	Hardwired	Optional	47.8 x 12.0 x 33.7	590	\$12,464
PW9155 Model 10 kVA 32 Battery w/Trans. Mod. (3-high)	K41013000000000	10/9	Hardwired	Optional	47.8 x 12.0 x 33.7	558	\$14,425
PW9155 12 kVA 32 Battery (2-high)	K41211000000000	12/10.8	Hardwired	Optional	32.2 x 12.0 x 33.7	352	\$11,258
PW9155 12 kVA 64 Battery (3-high)	K41212000000000	12/10.8	Hardwired	Optional	47.8 x 12.0 x 33.7	590	\$13,442
PW9155 12 kVA 32 Battery w/Trans. Mod. (3-high)	K41213000000000	12/10.8	Hardwired	Optional	47.8 x 12.0 x 33.7	558	\$15,382
PW9155 15 kVA 32 Battery (2-high)	K41511000000000	15/13.5	Hardwired	Optional	32.2 x 12.0 x 33.7	352	\$12,288
PW9155 15 kVA 64 Battery (3-high)	K41512000000000	15/13.5	Hardwired	Optional	47.8 x 12.0 x 33.7	590	\$14,747
PW9155 15 kVA 32 Battery w/Trans. Mod. (3-high)	K41513000000000	15/13.5	Hardwired	Optional	47.8 x 12.0 x 33.7	558	\$16,760

1. 50/60 Hz auto-sensing. All models can be used for frequency/phase conversion with derated 80% load, please refer to manual for details. 2. Input voltage 100/200, 110/220, 120/240, Vac 180° phase displacement, 120/208, 127/220 Vac 120° phase displacement. Output voltages are user-selectable 100/200, 110/220, 120/240 Vac 180° phase displacement. 3. Weight is installed weight, add 47 lb (2-modules high) or 50 lb (3-modules high) to determine shipping weight.

## BUILT-IN CONNECTIVITY OPTIONS

**Available X-Slot card options** (The UPS has two X-Slot bays available; one X-Slot card can be factory installed, the second X-Slot card can be ordered separately and user-installed.)

Description	Value for CTO Digit 8	Part Number (if ordered separately)	List Price
NONE (No Pre-installed X-Slot card)	0	-	\$0
ConnectUPS Web/SNMP Card	3	116750221-001	\$335
Modbus Card	4	103002510-5501	\$661
Relay Card (AS/400® compatible)	5	1018460	\$146
Industrial Relay Card	6	103003055	\$335

# EATON 9155 UPS (continued)

## OUTPUT RECEPTACLES AND MAINTENANCE BYPASS

Order Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
See worksheet below:	Power Distribution Module (PDM) with Mechanical Bypass Switch (rear UPS mount)*	16.5 x 12.0 x 7.0	25.0	\$999

**Receptacle Codes (Qty) NEMA Type**  
 (Select digits 9–12 in the CTO number)

PDM Worksheet CTO	Description	Voltage	Phase	Price Adder per Receptacle Code Chosen
S	Mechanical Bypass Module only			\$999
A	(4) 5-15R	120V	Single	\$220
B	(4) 5-20R UL	120V	Single	\$220
D	(4) 6-15R	208V	Dual	\$220
E	(4) 6-20R	208V	Dual	\$220
F	(4) L5-15R	120V	Single	\$220
G	(2) L5-20R*	120V	Single	\$220
H	(2) L5-30R*	120V	Dual	\$220
I	(2) L6-15R	208V	Dual	\$220
J	(2) L6-20R*	208V	Dual	\$220
K	(2) L6-30R*	208V	Dual	\$220
L	(2) L14-20R*	120/208V	Dual	\$220
M	(2) L14-30R*	120/208V	Dual	\$220
X	Blank Plate	-	-	\$20
0 (Zero)	Last Product Identifier Number	-	-	-

Notes: If any output receptacles are chosen, the Maintenance Bypass module will be included and will add \$999 to the cost. Maximum 4 choices within CTO part number (9-12). The combined quantities of LOCKING receptacles (denoted with a \*) must not exceed four. Please be sure to utilize the "X" designation for any of the 4 total slots not populated. Please contact factory for custom configuration availability.

\* If only mechanical bypass is chosen, remaining three slots should be populated with "0".

## 9155 OPTIONS

Model Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
<b>Hot Sync (Parallel Systems)*</b>				
124100017-001	9155 Parallel Tie Cabinet	24.00 x 20.30 x 2.20	80.0	\$1,559
103004336	CAN Bridge Card	-	-	\$519

Note: Up to (3) PW9155s can be paralleled within the Parallel Tie Cabinet and each UPS must include a Hot Sync CAN Bridge Card installed in the 2nd X-Slot.

### Extended Battery Module

103004192-5501	PW9155 EBM 64 (2-high Stack)	32.20 x 12.00 x 30.20	480.0	\$5,122
103004193-5501	PW9155 EBM 96 (3-high Stack)	47.80 x 12.00 x 30.20	710.0	\$7,306

Note: Up to (4) EBM64s or (3) EBM96s can be added for additional runtime.

### Maintenance Bypass Module (MBM)

BPE20MBB1A	Wall-mounted Maintenance Bypass Module	21.00 x 14.00 x 6.75	34.0	\$1,550
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### 9155 Upgrade Packages

103004195	PW9155 One-step kVA Upgrade Kit			\$1,249
103004196	PW9155 Two-step kVA Upgrade Kit			\$2,499

### Seismic Kit

103004194-5501	Seismic kit, Rated Zone 4, UL tested, performance rating based on NEBS GR-63-CORE Standard Vibration Test		136.0	\$1,871
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Notes: An 8 to 15 kVA upgrade would require purchase of a one and two-step upgrade. Up to three 9155s can be paralleled within the Parallel Tie Cabinet and each UPS must include CAN Bridge Card installed in the second X-Slot. For extended runtime applications, each UPS must have dedicated and identical number of EBMs. Kit Includes CAN Bridge Card and Instructions.

\* Eaton startup is required for factory warranty of parallel configuration.

## SOFTWARE AND CONNECTIVITY OPTIONS

Bundled with Software Suite CD and communication cable. See the software and connectivity sections for more details.

# EATON 9155 UPS (continued)

## 9155 SERVICE PLANS

### Gold Plans

Product	Contract Duration	On-site Gold Plan Part Number	List Price	On-site Gold Plan Plus Part Number	List Price
8–10 kVA	2 YR	20SGX915510KVXCX	\$750	20SGP915510KVXCX	\$1,640
	3 YR	30SGX915510KVXCX	\$1,417	30SGP915510KVXCX	\$3,230
	5 YR	50SGX915510KVXCX	\$2,784	50SGP915510KVXCX	\$5,495
12–15 kVA	2 YR	20SGX915515KVXCX	\$825	20SGP915515KVXCX	\$1,722
	3 YR	30SGX915515KVXCX	\$1,559	30SGP915515KVXCX	\$3,533
	5 YR	50SGX915515KVXCX	\$3,202	50SGP915515KVXCX	\$5,995
10 kVA 2-Unit Parallel System	2 YR	20SGX915510P2CX	\$1,604	20SGP915510P2CX	\$3,280
	3 YR	30SGX915510P2CX	\$2,801	30SGP915510P2CX	\$6,187
8–10 kVA 3-Unit Parallel System	5 YR	50SGX915510P2CX	\$5,194	50SGP915510P2CX	\$10,228
	2 YR	20SGX915510P3CX	\$2,085	20SGP915510P3CX	\$4,264
12–15 kVA 2-Unit Parallel System	3 YR	30SGX915510P3CX	\$3,641	30SGP915510P3CX	\$8,043
	5 YR	50SGX915510P3CX	\$6,752	50SGP915510P3CX	\$12,274
12–15 kVA 2-Unit Parallel System	2 YR	20SGX915515P2CX	\$1,732	20SGP915515P2CX	\$3,542
	3 YR	30SGX915515P2CX	\$3,025	30SGP915515P2CX	\$6,682
12–15 kVA 3-Unit Parallel System	5 YR	50SGX915515P2CX	\$5,610	50SGP915515P2CX	\$11,046
	2 YR	20SGX915515P3CX	\$2,252	20SGP915515P3CX	\$4,605
12–15 kVA 3-Unit Parallel System	3 YR	30SGX915515P3CX	\$3,933	30SGP915515P3CX	\$8,687
	5 YR	50SGX915515P3CX	\$7,293	50SGP915515P3CX	\$13,255

### On-site PowerTrust Service Plans include eNotify Remote Monitoring service

Product	Contract Duration	On-site Gold Plan Part Number	List Price	On-site Gold Plan Plus Part Number	List Price
8–10 kVA	2 YR	20PGX915510KVXCX	\$1,070	20PGP915510KVXCX	\$1,960
	3 YR	30PGX915510KVXCX	\$1,897	30PGP915510KVXCX	\$3,710
	5 YR	50PGX915510KVXCX	\$3,584	50PGP915510KVXCX	\$6,295
8–10 kVA 2-Unit Parallel System	2 YR	20PGX915510P2CX	\$1,924	20PGP915510P2CX	\$3,600
	3 YR	30PGX915510P2CX	\$3,281	30PGP915510P2CX	\$6,667
8–10 kVA 3-Unit Parallel System	5 YR	50PGX915510P2CX	\$5,994	50PGP915510P2CX	\$11,028
	2 YR	20PGX915510P3CX	\$2,405	20PGP915510P3CX	\$4,584
12–15 kVA 2-Unit Parallel System	3 YR	30PGX915510P3CX	\$4,121	30PGP915510P3CX	\$8,523
	5 YR	50PGX915510P3CX	\$7,552	50PGP915510P3CX	\$13,074
12–15 kVA 2-Unit Parallel System	2 YR	20PGX915515KVXCX	\$1,150	20PGP915515KVXCX	\$2,122
	3 YR	30PGX915515KVXCX	\$2,159	30PGP915515KVXCX	\$4,133
	5 YR	50PGX915515KVXCX	\$4,202	50PGP915515KVXCX	\$6,995
12–15 kVA 2-Unit Parallel System	2 YR	20PGX915515P2CX	\$2,132	20PGP915515P2CX	\$3,942
	3 YR	30PGX915515P2CX	\$3,625	30PGP915515P2CX	\$7,282
12–15 kVA 3-Unit Parallel System	5 YR	50PGX915515P2CX	\$6,610	50PGP915515P2CX	\$12,046
	2 YR	20PGX915515P3CX	\$2,652	20PGP915515P3CX	\$5,005
12–15 kVA 3-Unit Parallel System	3 YR	30PGX915515P3CX	\$4,533	30PGP915515P3CX	\$9,287
	5 YR	50PGX915515P3CX	\$8,293	50PGP915515P3CX	\$14,255

### Extended Battery Module Adder Service Plans

Product	Contract Duration	On-site Gold Plan Part Number	List Price	On-site Gold Plan Plus Part Number	List Price
EBM 64 (2 stack)	2 YR	20SGX9155EB64CX	\$544	20SGP9155EB64CX	\$771
	3 YR	30SGX9155EB64CX	\$978	30SGP9155EB64CX	\$1,105
	5 YR	50SGX9155EB64CX	\$1,522	50SGP9155EB64CX	\$1,975
EBM 96 (3 stack)	2 YR	20SGX9155EB96CX	\$598	20SGP9155EB96CX	\$848
	3 YR	30SGX9155EB96CX	\$1,263	30SGP9155EB96CX	\$1,522
	5 YR	50SGX9155EB96CX	\$1,965	50SGP9155EB96CX	\$2,645

### Startup and Preventive Maintenance Service

Product	Part Number	List Price	Product	Part Number	List Price
<b>On-site Startup</b>			<b>On-site Preventive Maintenance</b>		
5x8 Service	OSTUP9100XALLC5	\$695	5x8 Service	OXXPM9100XALLC5	\$695
7x24 Service	OSTUP9100XALLC7	\$895	7x24 Service	OXXPM9100XALLC7	\$895

On-site Gold plans are 7x24. Additional information about service plan features can be found in the Single-phase Service Plans Overview section of this reference guide.

# EATON 9155 UPS (continued)

## 9155 SERVICE PLANS (continued)

### Parallel System Startups

Model	Part Number	List Price
9155 8–10kVA–Two-or-Three-unit Parallel, 5x8	OSTUP9155P10CX	\$800
9155 12–15kVA–Two-or-Three-unit Parallel, 5x8	OSTUP9155P15CX	\$1,000

## 9155 SPARE PARTS

Description	Part Number	List Price
PW9155 Spares Kit	106711155	\$7,805

Spare parts kits MUST be purchased at the time of the UPS. If not purchasing at the time of the UPS then contact our Service Group, 1-800-356-5737, for pricing.

## 9155 UPGRADES

Description	Part Number	List Price
9155–2 Unit Parallel Upgrade Kit <sup>1</sup>	103004626	\$998
9155–3 Unit Parallel Upgrade Kit <sup>1</sup>	103004627	\$1,497

1. Up to three PW9155s can be paralleled with the parallel cabinet. 2. Each 9155 must have a Hot Sync Bridge CAN Card installed in the second X-Slot communication bay. 3. If extended runtime is required for the application, then each UPS must have its own EBM and the same number of EBM(s). 4. Kit includes CAN Bridge Card and instructions.

## 9155 BATTERY BACKUP TIMES (in minutes) @ 0.9 Power Factor

Load (VA/Watts)	UPS + Internal					UPS + Internal				
	32 Battery	+1 EBM 64	+2 EBM 64	+3 EBM 64	+4 EBM 64	64 Battery	+1 EBM 96	+2 EBM 96	+3 EBM 96	
15000/13500	4.6	23.0	43.0	65.1	88.6	13.3	43.0	76.7	113.0	
14500/13050	4.9	24.1	45.2	68.3	93.0	14.1	45.2	80.5	119.0	
14000/12600	5.2	25.2	47.3	71.5	97.4	14.9	47.3	84.2	125.0	
13500/12150	5.5	26.4	49.4	74.7	102.0	15.8	49.4	88.1	130.0	
13000/11700	5.8	27.6	51.6	78.1	106.0	16.7	51.6	92.0	136.0	
12500/11250	6.1	28.8	54.0	81.6	111.0	17.6	54.0	96.2	142.0	
12000/10800	6.5	30.2	56.5	85.5	116.0	18.6	56.5	101.0	149.0	
11500/10350	6.9	31.6	59.3	89.7	122.0	19.2	59.3	106.0	156.0	
11000/9900	7.3	33.3	62.4	94.4	129.0	20.2	62.4	111.0	164.0	
10500/9450	7.8	35.1	65.9	99.6	136.0	21.4	65.9	117.0	174.0	
10000/9000	8.4	37.2	69.8	106.0	144.0	22.6	69.8	124.0	184.0	
9500/8550	9.1	39.6	74.2	112.0	153.0	24.1	74.2	132.0	196.0	
9000/8100	9.9	42.3	79.4	120.0	163.0	25.7	79.4	141.0	209.0	
8500/7650	10.8	45.5	85.2	129.0	175.0	27.6	85.2	152.0	225.0	
8000/7200	11.9	49.1	91.9	139.0	189.0	29.8	91.9	164.0	242.0	
7500/6750	13.1	53.2	99.7	151.0	205.0	32.3	99.7	178.0	263.0	
7000/6300	14.6	58.0	109.0	164.0	224.0	35.2	109.0	194.0	286.0	
6500/5850	16.3	63.5	119.0	180.0	245.0	38.6	119.0	212.0	314.0	
6000/5400	18.4	70.0	131.0	198.0	270.0	42.5	131.0	234.0	346.0	
5500/4950	20.1	77.6	145.0	220.0	300.0	47.2	145.0	259.0	383.0	
5000/4500	22.4	86.6	162.0	245.0	334.0	52.6	162.0	289.0	428.0	
4500/4050	25.2	97.4	182.0	276.0	376.0	59.2	182.0	325.0	-	
4000/3600	28.6	110.0	207.0	313.0	426.0	67.1	207.0	369.0	-	
3500/3150	32.8	127.0	238.0	359.0	-	77.0	238.0	423.0	-	
3000/2700	38.3	148.0	277.0	418.0	-	89.7	277.0	-	-	
2500/2250	45.6	176.0	329.0	-	-	107.0	329.0	-	-	

Note: Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

# EATON 9170+ UPS RACK/TOWER



## Double-conversion UPS (3–18 kVA)

Reliable online, high-frequency, double-conversion power protection that provides flexible solutions for mission-critical applications.

- N + X power and logic redundancy eliminating all system level single point-of-failure
- Easily scalable to adapt to changing IT environments by simply adding power and/or battery modules
- Double-conversion, online design delivers the highest level of protection
- ABM technology significantly increases battery service life
- Hot-swappable battery and power modules, each weighing less than 30 pounds for easy handling and replacement
- Power management software bundle provides monitoring and shutdown capabilities
- Warranty (US and Canada): Two-year limited warranty and \$250,000 load protection guarantee; optional Gold Plans available

## 9170+ MODELS

Model	Part Number	Dimensions (H x W x D, inches)	Weight (lb)	List Price
<b>9170+ Modules</b>				
Split-phase Power Module (100/200, 120/208, 127/220, 110/220, 120/240V In & Out)	ASY-0673	4.23 x 14.12 x 15.25	17	\$1,794
Universal Power Module (208-240V In & Out)	ASY-0674	4.23 x 14.12 x 15.25	17	\$1,689
Battery Module (two required per slot/string) <sup>1</sup>	ASY-0529	4.23 x 7.012 x 14.75	30	\$310
Optional 20 Amp Charger Module (same form factor as 3 kVA power modules)	ASY-0675	4.23 x 14.12 x 14.75	17	\$2,519

1. External Battery Cabinet connection option (ASY-0525) required with each battery cabinet.

Note: For 9170 replacement modules, contact our Service Group at 800.356.5737 for pricing.

### UPS Enclosures

3-slot enclosure (3 kVA max.), Hardwired Input/Output	0660C030AAAAAAAI	17.80 x 17.00 x 25.40	66	\$1,989
6-slot enclosure (3, 6 or 9 kVA), Hardwired Input/Output	0660C060AAAAAAAI	31.50 x 17.00 x 25.40	103	\$2,309
9-slot enclosure (3, 6, 9, 12, 15 or 18 kVA), Hardwired Input/Output	0660C090AAAAAAAI	47.00 x 24.00 x 28.40	158	\$2,569
12-slot enclosure (3, 6, 9, 12, 15 or 18 kVA), Hardwired Input/Output	0660C120AAAAAAAI	60.70 x 24.00 x 28.40	196	\$2,859
9-slot rack enclosure	0660C092AAAAAAAI	45.00 x 17.00 x 25.40	158	\$2,799
12-slot rack enclosure	0660C122AAAAAAAI	58.00 x 17.00 x 25.40	196	\$3,099

### External Options

Rack Kit (3- & 6-slot non-isolated enclosure only)	ASY-0547	-	15	\$165
Caster option for 3- & 6-slot enclosure	ASY-0527	-	9	\$200
External battery connection option (matching cabinet for hot-swap battery modules)	ASY-0525	-	8	\$245
Floor Anchoring kit	ASY-0548	-	6	\$55
6-slot external battery enclosure: black <sup>1</sup>	ASY-0612	31.50 x 17.00 x 25.40	93	\$1,209
9-slot external battery enclosure: black <sup>1</sup>	ASY-0737	47.00 x 24.00 x 28.40	148	\$1,699
12-slot external battery enclosure: black <sup>1</sup>	ASY-0738	60.70 x 24.00 x 28.40	186	\$2,400
12-slot enclosure w/AC for charger option: black	ASY-0739	60.70 x 24.00 x 28.40	196	\$2,750
12-slot rack external battery enclosure: black	103004136	58.00 x 17.00 x 25.40	186	\$2,299
12-slot rack external battery enclosure w/AC charger option: black	103004137	58.00 x 17.00 x 25.40	196	\$2,899

### Wall-mounted Maintenance Bypass Cabinets

6-slot enclosure (Make-Before-Break)	BPE14MBB1A	21.0 x 14.0 x 6.75	31	\$1,200
9- & 12-slot enclosure (Break-Before-Make)	BPE20BBM1A	21.0 x 14.0 x 6.75	51	\$1,350
9- & 12-slot enclosure (Make-Before-Break)	BPE20MBB1A	21.0 x 14.0 x 6.75	53	\$1,550

Note: External Battery Cabinet connection option (ASY-0525) required with each cabinet.



## EATON 9170+ UPS RACK/TOWER (continued)

### 9170+ PRE-CONFIGURED SYSTEMS

Model Number	Rating	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
<b>Pre-configured Systems with Hardwire Input and Output Options</b>						
<b>PW3S3K</b> Includes: (1) 3-slot enclosure (1) power module (2) battery modules (1) caster kit	3 kVA expandable to 3 kVA N+1	Hardwired	Hardwired	19.5 x 17.0 x 25.5	155	\$4,533
<b>PW6S3K</b> Includes: (1) 6-slot enclosure (1) power module (2) battery modules (1) caster kit	3 kVA expandable to 9 kVA N+X	Hardwired	Hardwired	33.3 x 17.0 x 25.5	155	\$4,853
<b>PW6S6K</b> Includes: (1) 6-slot enclosure (2) power modules (4) battery modules (1) caster kit	6 kVA expandable to 9 kVA N+X	Hardwired	Hardwired	33.3 x 17.0 x 25.5	232	\$7,267
<b>PW6S9K</b> Includes: (1) 6-slot enclosure (3) power modules (6) battery modules (1) caster kit	9 kVA expandable to 9 kVA N+X	Hardwired	Hardwired	33.3 x 17.0 x 25.5	346	\$9,681
<b>PW9S9K</b> Includes: (1) 9-slot enclosure (3) power modules (6) battery modules	9 kVA expandable to 18 kVA N+X	Hardwired	Hardwired	47.0 x 24.0 x 28.5	389	\$9,811
<b>PW12S9K</b> Includes: (1) 12-slot enclosure (3) power modules (6) battery modules	9 kVA expandable to 18 kVA N+X	Hardwired	Hardwired	60.7 x 24.0 x 28.5	427	\$10,101
<b>PW12S12K</b> Includes: (1) 12-slot enclosure (4) power modules (8) battery modules	12 kVA expandable to 18 kVA N+X	Hardwired	Hardwired	60.7 x 24.0 x 28.5	504	\$12,515
<b>PW12S15K</b> Includes: (1) 12-slot enclosure (5) power modules (10) battery modules	15 kVA expandable to 18 kVA N+X	Hardwired	Hardwired	60.7 x 24.0 x 28.5	581	\$14,929
<b>PW12S18K</b> Includes: (1) 12-slot enclosure (6) power modules (12) battery modules	18 kVA expandable to 18 kVA N+X	Hardwired	Hardwired	60.7 x 24.0 x 28.5	658	\$17,343

Replacement batteries—contact Sales Support 800.356.5794, option 3.

## EATON 9170+ UPS RACK/TOWER (continued)

### PRE-CONFIGURED SYSTEMS WITH HARDWIRE INPUT AND RECEPTACLES OUTPUT OPTIONS

Model Number	Rating	Input Connection	Output Receptacles	Dimensions (H x W x D, inches)	Weight (lb)	List Price
<b>PW6S3K-PD</b> Includes: (1) 6-slot enclosure (1) power modules (2) battery modules (1) caster kit	3 kVA expandable to 9 kVA N+X	Hardwired	(2) L14-30R, (2) L6-30R, (12) 5-20R	33.3 x 17.0 x 25.5	192	\$5,267
<b>PW6S6K-PD</b> Includes: (1) 6-slot enclosure (2) power modules (4) battery modules (1) caster kit	6 kVA expandable to 9 kVA N+X	Hardwired	(2) L14-30R, (2) L6-30R, (12) 5-20R	33.3 x 17.0 x 25.5	269	\$7,681
<b>PW6S9K-PD</b> Includes: (1) 6-slot enclosure (3) power modules (6) battery modules (1) caster kit	9 kVA expandable to 9 kVA N+X	Hardwired	(2) L14-30R, (2) L6-30R, (12) 5-20R	33.3 x 17.0 x 25.5	346	\$10,095
<b>PW9S9K-PD</b> Includes: (1) 9-slot enclosure (3) power modules (6) battery modules	9 kVA expandable to 18 kVA N+X	Hardwired	(2) L14-30R, (2) L6-30R, (12) 5-20R	47.0 x 24.0 x 28.5	389	\$10,225
<b>PW12S9K-PD</b> Includes: (1) 12-slot enclosure (3) power modules (6) battery modules	9 kVA expandable to 18 kVA N+X	Hardwired	(3) L14-30R, (3) L6-30R, (12) 5-20R	60.7 x 24.0 x 28.5	427	\$10,653
<b>PW12S12K-PD</b> Includes: (1) 12-slot enclosure (4) power modules (8) battery modules	12 kVA expandable to 18 kVA N+X	Hardwired	(3) L14-30R, (3) L6-30R, (12) 5-20R	60.7 x 24.0 x 28.5	504	\$13,067
<b>PW12S15K-PD</b> Includes: (1) 12-slot enclosure (5) power modules (10) battery modules	15 kVA expandable to 18 kVA N+X	Hardwired	(3) L14-30R, (3) L6-30R, (12) 5-20R	60.7 x 24.0 x 28.5	581	\$15,481
<b>PW12S18K-PD</b> Includes: (1) 12-slot enclosure (6) power modules (12) battery modules	18 kVA expandable to 18 kVA N+X	Hardwired	(3) L14-30R, (3) L6-30R, (12) 5-20R	60.7 x 24.0 x 28.5	658	\$17,895
<b>PW3S3K-LPD</b> Includes: (1) 3-slot enclosure (1) power modules (2) battery modules (1) caster kit	3 kVA expandable to 3 kVA N+1	L14-30P	(1) L14-30R, (1) L6-30R, (4) 5-20R	19.5 x 17.0 x 25.5	155	\$4,898
<b>PW6S3K-LPD</b> Includes: (1) 6-slot enclosure (1) power modules (2) battery modules (1) caster kit	3 kVA expandable to 9 kVA N+X	14-50P	(2) L14-30R, (2) L6-30R, (12) 5-20R	33.3 x 17.0 x 25.5	192	\$5,416
<b>PW6S6K-LPD</b> Includes: (1) 6-slot enclosure (2) power modules (4) battery modules (1) caster kit	6 kVA expandable to 9 kVA N+X	14-50P	(2) L14-30R, (2) L6-30R, (12) 5-20R	33.3 x 17.0 x 25.5	269	\$7,830

Notes: 50/60 Hz automatic frequency selection. Input/output voltages: 208–240 Vac or 100/200, 110/220, 120/208, 120/240 and 127/220 Vac. Pre-configured systems (3) and (6) slot enclosure dimensions include caster kit. Each pre-configured system includes a 6.5-minute runtime. Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc. Split-phase Power Modules included.

# EATON 9170+ UPS RACK/TOWER (continued)

## SOFTWARE AND CONNECTIVITY OPTIONS

Bundled with Software Suite CD and communication cable. See the software and connectivity product sections for more detail.

## UNIVERSAL MODULE ASY-0674 RUNTIME CHART IN MINUTES (FULL LOAD/HALF LOAD)

Load (VA) Number of strings (two battery modules per string; two battery modules occupy one slot)

	1 String	2 String	3 String	4 String	5 String	6 String	7 String	8 String	9 String	10 String	11 String	12 String
3 kVA	8/24	24/59	43/95	58/140	80/175	95/125	119/240	135/290	155/335	165/365	200/395	215/450
6 kVA		8/24	16/40	24/59	32/83	40/103	49/114	58/140	69/156	83/175	90/190	103/205
9 kVA			8/24	13/35	18/46	24/59	29/63	35/86	40/103	46/115	54/125	58/140
12 kVA				8/24	13/33	16/40	19.5/43.5	24/59	29/70	33/80	36/90	41/100
15 kVA					8/24	11.5/31	14.5/31.5	18/46	20.5/51	24/58	28/66	31/73
18 kVA						8/24	11/31.5	13/36	15.5/41	18/45	20.5/51	24/58

Note: Additional battery runtimes available up to 8 hours. Please contact your Eaton representative.

	13 String	14 String	15 String	16 String	17 String	18 String	19 String	20 String	21 String	22 String	23 String	24 String
3 kVA	225/500	245/540	270/600	290/620	315/650	335/690	350/720	365/780	375/850	395/890	425/920	450/950
6 kVA	113/335	123/255	135/273	143/290	148/315	156/333	165/350	175/365	183/385	190/395	198/420	205/440
9 kVA	63/150	73/165	80/178	86/190	93/200	100/210	107/225	115/240	121/255	125/270	135/280	143/290
12 kVA	47/110	52/121	56/130	58/140	65/147	70/156	75/165	80/175	85/185	90/195	95/205	100/215
15 kVA	34/83	38/94	41.5/103	44.5/113	46.5/117	51/127	56/130	58/140	61/149	66/158	71/165	73/170
18 kVA	27/65	31.5/72	34.5/77	36/83	38/94	41/100	44/105	45/115	48/122	54/131	57/137	58/140

Battery strings above and to the right of the dark line require additional (N+X) power modules or a 20A charger module.

## SPLIT-PHASE MODULE ASY-0673 RUNTIME CHART IN MINUTES (FULL LOAD/HALF LOAD)

Load (VA) Number of Strings (two battery modules per string; two battery modules occupy one slot)

	1 String	2 String	3 String	4 String	5 String	6 String	7 String	8 String	9 String	10 String	11 String	12 String
3 kVA	6.5/16	16/40	27.5/67.5	40/98	53.5/132	67.5/167	83/204	98/242	115/283	132/324	149/365	167/408
6 kVA		6.5/16	11/27.5	16/40	21.5/53.5	27.5/68	33.5/83	40/98	46.5/115	53.5/132	60.5/149	67.5/167
9 kVA			6.5/16	9.5/23.5	13/31.5	16/40	20/49	23.5/58	27.5/67.5	31.5/78	35.5/88	40/98
12 kVA				6.5/16	9/21.5	11/27.5	13.5/33.5	16/40	19/46.5	21.5/53.5	24.5/60.5	27.5/68
15 kVA					6.5/16	8/20.5	10/25	12/30	14/35	16/40	18.5/45	20.5/50.5
18 kVA						6.5/16	8/20	9.5/23.5	11/27.5	12.5/30	14.5/35.5	16/40

Note: Additional battery runtimes available up to 8 hr. Please contact your Eaton representative. Split-phase Module is for U.S. use.

	13 String	14 String	15 String	16 String	17 String	18 String	19 String	20 String	21 String	22 String	23 String	24 String
3 kVA	185/456	204/501	223/549	242/595	262/640	283/692	302/750	323/790	345/850	365/900	387/955	408/1015
6 kVA	75/185	83/204	90/223	98/242	106/262	115/285	123/302	132/324	140/345	149/365	157/388	167/408
9 kVA	44/109	49/120	53.5/132	58/143	63/154	68/167	73/179	78/191	83/204	88/210	93/229	98/242
12 kVA	30.5/75	33.5/83	37/90	40/98	43/106	46.5/115	50/123	53.5/132	57/140	60/149	64/157	68/167
15 kVA	23/56	25/62	27.5/67.5	30/73.5	32.5/79.5	35/86	37.5/92	40/98	42.5/105	45/111	48/118	51/124
18 kVA	18/44	20/49	21.5/53.5	23.5/58	25.5/63	27.5/68	29.5/73	31.5/78	33.5/83	35.5/88	38/93	40/98

Note: Battery strings above and to the right of the dark line require additional (N+X) power modules or a 20A charger module.

## CUSTOMIZABLE INPUT PLUG OPTIONS<sup>1</sup>

Input Plug	Power Module Type	CTO Digit	List Price
L14-20P <sup>2</sup>	Split-phase	F	\$109
L14-30P <sup>3</sup>	Split-phase	G	\$129
14-50P <sup>4</sup>	Split-phase	H	\$149

Notes: 1. May be configured to order through or sales office: 800.356.5794. 2. Limits chassis to maximum current of 16A and two power modules for 3 kVA redundant. 3. Limits chassis to maximum current of 24A and three power modules for 5 kVA redundant. 4. Limits chassis to maximum current of 40A and four power modules for 8 kVA redundant.

# EATON 9170+ UPS RACK/TOWER (continued)

## CUSTOMIZABLE RECEPTACLE OPTIONS

Output Receptacle	Power Module Type	# of Bays	CTO Digit	List Price
5-20R duplex	Split-phase	1	E	\$49
6-20R duplex	All	1	G	\$69
L5-20R twist lock	Split-phase	1	K	\$49
L5-30R twist lock	Split-phase	1	L	\$59
L6-15R twist lock duplex	All	1	M	\$79
L6-20R twist lock	All	1	N	\$69
L6-30R twist lock	All	1	O	\$69
L14-30R twist lock	Split-phase	1	R	\$69
3 x 5-15R duplex	Split-phase	2	W	\$69
3 x 5-20R duplex	Split-phase	2	X	\$69

Maximum of three different types of receptacles per enclosure

Bays available per non-isolated enclosure:  
 3-slot has (4) bays  
 6-slot has (8) bays  
 9-slot has (8) bays  
 12-slot has (12) bays

## 9170+ SERVICE PLANS

### Gold Plans

	Contract Duration	Gold Plan Plus Part Number	List Price	On-site Gold Plan Part Number	List Price	On-site Gold Plan Plus Part Number	List Price
3-slot Cabinet	2 YR	2XXGP91703SLTCX	\$628	20SGX91703SLTCX	\$789	20SGP91703SLTCX	\$1,176
	3 YR	3XXGP91703SLTCX	\$865	30SGX91703SLTCX	\$1,179	30SGP91703SLTCX	\$1,975
	5 YR	5XXGP91703SLTCX	\$1,143	50SGX91703SLTCX	\$1,740	50SGP91703SLTCX	\$3,242
6-slot Cabinet	2 YR	2XXGP91706SLTCX	\$712	20SGX91706SLTCX	\$873	20SGP91706SLTCX	\$1,260
	3 YR	3XXGP91706SLTCX	\$1,251	30SGX91706SLTCX	\$1,565	30SGP91706SLTCX	\$2,362
	5 YR	5XXGP91706SLTCX	\$1,900	50SGX91706SLTCX	\$2,496	50SGP91706SLTCX	\$3,999
9-slot Cabinet	2 YR	2XXGP91709SLTCX	\$786	20SGX91709SLTCX	\$947	20SGP91709SLTCX	\$1,333
	3 YR	3XXGP91709SLTCX	\$1,590	30SGX91709SLTCX	\$1,904	30SGP91709SLTCX	\$2,700
	5 YR	5XXGP91709SLTCX	\$2,561	50SGX91709SLTCX	\$3,158	50SGP91709SLTCX	\$4,661
12-slot Cabinet	2 YR	2XXGP917012SLCX	\$870	20SGX917012SLCX	\$1,031	20SGP917012SLCX	\$1,417
	3 YR	3XXGP917012SLCX	\$1,976	30SGX917012SLCX	\$2,290	30SGP917012SLCX	\$3,087
	5 YR	5XXGP917012SLCX	\$3,318	50SGX917012SLCX	\$3,915	50SGP917012SLCX	\$5,417
6-slot External Battery Cabinet	2 YR	2XXGP9170B6SLCX	\$225	20SGX9170B6SLCX	\$276	20SGP9170B6SLCX	\$312
	3 YR	3XXGP9170B6SLCX	\$1,008	30SGX9170B6SLCX	\$1,081	30SGP9170B6SLCX	\$1,177
	5 YR	5XXGP9170B6SLCX	\$1,895	50SGX9170B6SLCX	\$2,029	50SGP9170B6SLCX	\$2,188
9-slot External Battery Cabinet	2 YR	2XXGP9170B9SLCX	\$304	20SGX9170B9SLCX	\$355	20SGP9170B9SLCX	\$391
	3 YR	3XXGP9170B9SLCX	\$1,528	30SGX9170B9SLCX	\$1,601	30SGP9170B9SLCX	\$1,697
	5 YR	5XXGP9170B9SLCX	\$2,920	50SGX9170B9SLCX	\$3,053	50SGP9170B9SLCX	\$3,213
12-slot External Battery Cabinet	2 YR	2XXGP9170B12SCX	\$382	20SGX9170B12SCX	\$434	20SGP9170B12SCX	\$470
	3 YR	3XXGP9170B12SCX	\$2,048	30SGX9170B12SCX	\$2,121	30SGP9170B12SCX	\$2,217
	5 YR	5XXGP9170B12SCX	\$3,944	50SGX9170B12SCX	\$4,077	50SGP9170B12SCX	\$4,237

### On-site PowerTrust Service Plans include eNotify Remote Monitoring service

Product	Contract Duration	Gold Plan Plus Part Number	List Price	On-site Gold Plan Part Number	List Price	On-site Gold Plan Plus Part Number	List Price
3-slot Cabinet	2 YR	2XPGP91703SLTCX	\$868	20PGX91703SLTCX	\$1,029	20PGP91703SLTCX	\$1,416
	3 YR	3XPGP91703SLTCX	\$1,225	30PGX91703SLTCX	\$1,539	30PGP91703SLTCX	\$2,335
	5 YR	5XPGP91703SLTCX	\$1,743	50PGX91703SLTCX	\$2,340	50PGP91703SLTCX	\$3,842
6-slot Cabinet	2 YR	2XPGP91706SLTCX	\$1,032	20PGX91706SLTCX	\$1,193	20PGP91706SLTCX	\$1,580
	3 YR	3XPGP91706SLTCX	\$1,731	30PGX91706SLTCX	\$2,045	30PGP91706SLTCX	\$2,842
	5 YR	5XPGP91706SLTCX	\$2,700	50PGX91706SLTCX	\$3,296	50PGP91706SLTCX	\$4,799
9-slot Cabinet	2 YR	2XPGP91709SLTCX	\$1,186	20PGX91709SLTCX	\$1,347	20PGP91709SLTCX	\$1,733
	3 YR	3XPGP91709SLTCX	\$2,190	30PGX91709SLTCX	\$2,504	30PGP91709SLTCX	\$3,300
	5 YR	5XPGP91709SLTCX	\$3,561	50PGX91709SLTCX	\$4,158	50PGP91709SLTCX	\$5,661
12-slot Cabinet	2 YR	2XPGP917012SLCX	\$1,270	20PGX917012SLCX	\$1,431	20PGP917012SLCX	\$1,817
	3 YR	3XPGP917012SLCX	\$2,576	30PGX917012SLCX	\$2,890	30PGP917012SLCX	\$3,687
	5 YR	5XPGP917012SLCX	\$4,318	50PGX917012SLCX	\$4,915	50PGP917012SLCX	\$6,417

### Startup and Preventive Maintenance Service

Product	Part Number	List Price	Product	Part Number	List Price
<b>On-site Startup</b>			<b>On-site Preventive Maintenance</b>		
5x8 Service	OSTUP9100XALLC5	\$695	5x8 Service	0XXPM9100XALLC5	\$695
7x24 Service	OSTUP9100XALLC7	\$895	7x24 Service	0XXPM9100XALLC7	\$895

On-site Gold plans are 7x24. Additional information about service plan features can be found in the Single-phase Service Plans Overview section of this reference guide.

# EATON FERRUPS FE UPS 60 HZ

## Ferroresonant UPS (500–3100 VA)

- Bulletproof power integrity and management for telecommunications and computer loads
- Special configurations and options available—call for details (note: does not come with casters)
- Warranty (US and Canada): Two-year limited warranty and \$250,000 load protection guarantee; optional Gold Plans available

The FERRUPS® can be customized with many options and runtimes. If you do not find the configuration you need in this price book, call 800.356.5794.



## FERRUPS FE 60 Hz MODELS

CTO Number	Input/Output Voltage	Runtimes Full/Half Load	Input Plug	Output Receptacles	List Price
<b>MODEL FE500 (500 VA/350W)</b>					
FA000AA0A0A0A0A	120V/120V	9/25 min	Hardwire	Hardwire	\$1,120
FA000BB2A0A0A0A	120V/120V	9/25 min	5-15	(4) 5-15	\$1,080
FA010BB2A0A0A0A	120V/120V	20/56 min	5-15	(4) 5-15	\$1,148
FA020BB2A0A0A0A	120V/120V	75/212 min	5-15	(4) 5-15	\$1,292
<b>MODEL FE700 (700 VA/500W)</b>					
FB000AA0A0A0A0A	120V/120V	11/31 min	Hardwire	Hardwire	\$1,250
FB000BB2A0A0A0A	120V/120V	11/31 min	5-15	(4) 5-15	\$1,210
FB020BB2A0A0A0A	120V/120V	45/100 min	5-15	(4) 5-15	\$1,410
FB040BB2A0A0A0A	120V/120V	External Battery	5-15	(4) 5-15	\$1,107
<b>Model FE850 (850 VA/600W)</b>					
FC000BB2A0A0A0A	120V/120V	9/25 min	5-15	(4) 5-15	\$1,360
FC010BB2A0A0A0A	120V/120V	38/107 min	5-15	(4) 5-15	\$1,471
FC000AA0A0A0A0A	120V/120V	9/25 min	Hardwire	Hardwire	\$1,400
<b>Model FE1.15 (1.15 kVA/800W)</b>					
FD000AA0A0A0A0A	120V/120V	8/22 min	Hardwire	Hardwire	\$1,900
FD000BB3A0A0A0A	120V/120V	8/22 min	5-15	(6) 5-15	\$1,860
FD010BB3A0A0A0A	120V/120V	30/85 min	5-15	(6) 5-15	\$2,146
FD020BB3A0A0A0A	120V/120V	70/197 min	5-15	(6) 5-15	\$2,241
<b>Model FE1.4 (1.4 kVA/1 kW)</b>					
FE000AA0A0A0A0A	120V/120V	11/31 min	Hardwire	Hardwire	\$2,050
FE000BB3A0A0A0A	120V/120V	11/31 min	5-15	(6) 5-15	\$2,010
FE010BB3A0A0A0A	120V/120V	22/62 min	5-15	(6) 5-15	\$2,269
<b>Model FE1.8 (1.8 kVA/1.25 kW)</b>					
FF000CC3A0A0A0B	120V/120V	11/30 min	5-20	(6) 5-20	\$2,991
FF010AA0A0A0A0B	120V/120V	86/206 min	Hardwire	Hardwire	\$3,534
FF010CC3A0A0A0B	120V/120V	86/206 min	5-20	(6) 5-20	\$3,494
<b>Model FE2.1 (2.1 kVA/1.5 kW)</b>					
FG000AA0A0A0A0B	120V/120V	9/25 min	Hardwire	Hardwire	\$3,336
FG000CC3A0A0A0B	120V/120V	9/25 min	5-20	(6) 5-20	\$3,296
FG010AA0A0A0A0B	120V/120V	66/163 min	Hardwire	Hardwire	\$3,830
FG010CC3A0A0A0B	120V/120V	66/163 min	5-20	(6) 5-20	\$3,790
<b>Model FE3.1 (3.1 kVA/2.2 kW)</b>					
FH000JC3A0A0A0B	120V/120V	14/35 min	L5-30	(6) 5-20	\$4,097
FH010JC3A0A0A0B	120V/120V	37/98 min	L5-30	(6) 5-20	\$4,541
FH000AA0A0A0A0B	120V/120V	14/35 min	Hardwire	Hardwire	\$4,137
FH010AA0A0A0A0B	120V/120V	37/98 min	Hardwire	Hardwire	\$4,581

Note: See following pages for external battery packs and maintenance bypass switches.

## EATON FERRUPS FE UPS 60 HZ (continued)

### Ferroresonant UPS (4.3–18 kVA)

- Bulletproof power integrity and management for telecommunications and computer loads
- Power factor-corrected, switch-mode and linear power supplies

The FERRUPS can be customized with many options and runtimes. If you do not find the configuration you need in this price book, call 800.356.5794.



### FERRUPS FE 60 Hz MODELS (continued)

Model Number	CTO Number	Input/Output Voltage	Runtimes Full/Half Load	Input Plug	Output Receptacles	List Price
<b>Model FE4.3 (4.3 kVA/3 kW)</b>						
FE4.3 kVA	FI100AA0A0A0A0B	208-208/120V	8/20 min	Hardwired	Hardwired	\$5,808
FE4.3 kVA	FI300AA0A0A0A0B	240-240/120V	8/20 min	Hardwired	Hardwired	\$5,808
FE4.3 kVA	FI000AA0A0A0A0B	120V/120V	8/20 min	Hardwired	Hardwired	\$6,077
<b>Model FE5.3 (5.3 kVA/3.7 kW)</b>						
FE5.3 kVA	FJ000AA0A0A0A0B	120V/120V	20/50 min	Hardwired	Hardwired	\$7,076
FE5.3 kVA	FJ100AA0A0A0A0B	208-208/120V	20/50 min	Hardwired	Hardwired	\$6,807
FE5.3 kVA	FJ300AA0A0A0A0B	240-240/120V	20/50 min	Hardwired	Hardwired	\$6,807
<b>Model FE7 (7 kVA/5 kW)</b>						
FE7 kVA	FK100AA0A0A0A0B	208-208/120V	12/33 min	Hardwired	Hardwired	\$8,482
FE7 kVA	FK300AA0A0A0A0B	240-240/120V	12/33 min	Hardwired	Hardwired	\$8,482
FE7 kVA	FK000AA0A0A0A0B	120V/120V	12/33 min	Hardwired	Hardwired	\$8,751
<b>Model FE10 (10 kVA/7.5 kW)</b>						
FE10 kVA	FL140AA0A0A0A0B	208-208/120V	External	Hardwired	Hardwired	\$8,720
Recommended system options:	EBPS10F	Standard external battery pack (11/26 min)				\$3,000
	BPE04BBM1A	External maintenance bypass switch (break-before-make)				\$630
System List						\$12,350
FE10 kVA	FL340AA0A0A0A0B	240-240/120V	External	Hardwired	Hardwired	\$8,720
Recommended system options:	EBPS10F	Standard external battery pack (11/26 min)				\$3,000
	BPE04MBB1A	External maintenance bypass switch (make-before-break)				\$700
System List						\$12,420
<b>Model FE12.5 (12.5 kVA/10 kW)</b>						
FE12.5 kVA	FM140AA0A0A0A0B	208-208/120V	External	Hardwired	Hardwired	\$9,312
Recommended system options:	EBPS12F	Standard external battery pack (18/48 min)				\$4,140
	BPE04BBM1A	External maintenance bypass switch (break-before-make)				\$630
System List						\$14,082
FE12.5 kVA	FM340AA0A0A0A0B	240-240/120V	External	Hardwired	Hardwired	\$9,312
Recommended system options:	EBPS12F	Standard external battery pack (18/48 min)				\$4,140
	BPE04MBB1A	External maintenance bypass switch (make-before-break)				\$700
System List						\$14,152
<b>Model FE18 (18 kVA/15 kW)</b>						
FE18 kVA	FN140AA0A0A0A0B	208-208/120V	External	Hardwired	Hardwired	\$11,973
Recommended system options:	EBPS18F	Standard external battery pack (10/26 min)				\$4,140
	BPE05BBM1A	External maintenance bypass switch (break-before-make)				\$780
System List						\$16,893
FE18 kVA	FN340AA0A0A0A0B	240-240/120V	External	Hardwired	Hardwired	\$11,973
Recommended system options:	EBPS18F	Standard external battery pack (10/26 min)				\$4,140
	BPE05MBB1A	External maintenance bypass switch (make-before-break)				\$875
System List						\$16,988

Note: See following pages for external battery packs and maintenance bypass switches. Call for other configurations and options.

# EATON FERRUPS UPS RACK SERIES 60 HZ

## Ferroresonant UPS (1.4 kVA–7 kVA)

- Bulletproof power integrity and management for telecommunications and computer loads
- Power factor-corrected, switch-mode and linear power supplies
- High reliability for industrial and harsh environment
- Ultra-high reliability for standard, commercial environment

The FERRUPS can be customized with many options and runtimes. If you do not find the configuration you need in this price book, call 800.356.5794.



## FERRUPS RACK SERIES 60 Hz MODELS

CTO Number	Input/Output Voltage	Runtimes Full/Half Load	Input Plug	Output Receptacles	List Price
<b>Model FES1.4 (1.4 kVA/1 kW)</b>					
RC000BB2A0A0A0A	120V–120V	14/36 min	5-15	(4) 5-15	\$3,815
RC000AA0A0A0A0A	120V–120V	14/36 min	Hardwired	Hardwired	\$3,700
<b>Model FER2.1 (2.1 kVA/1.5 kW)</b>					
RH000CC3A0A0A0B	120V–120V	24/58 min	5-20	(6) 5-20	\$4,620
RH000AA0A0A0A0B	120V–120V	24/58 min	Hardwired	Hardwired	\$4,445
<b>Model FER3.1 (3.1 kVA/2.2 kW)</b>					
RI000JB3A0A0A0B	120V–120V	14/35 min	L5-30	(6) 5-15	\$5,041
RI000AA0A0A0A0B	120V–120V	14/35 min	Hardwired	Hardwired	\$4,831
<b>Model FER7 (7 kVA/5 kW)</b>					
RK140AA0A0A0A0B	208–120/208V	External Battery	Hardwired	Hardwired	\$8,750
RK340AA0A0A0A0B	240–120/240V	External Battery	Hardwired	Hardwired	\$8,750
EBPS4.3R	Standard external battery pack (12/33 min)				\$2,550

Note: See following pages for external battery packs and maintenance bypass switches. Call for other configurations and options.

## SOFTWARE AND CONNECTIVITY OPTIONS

Description	Part Number	List Price
Serial CheckUPS Cable DB25M to DB9F	INT-0035	\$48
BestLink Web/SNMP Adapter (external)	116750225-001	\$349
IBM AS/400 Kit Standard Cable Kit	IPK-0001	\$95
AS/400 Bypass Switch Cable	IPK-0002	\$120
Handheld Remote and Keypad (FE, FES, FER models only)	RCK-0007	\$265
Caster Assy	CAA-0006	\$145

\* For multiple computer system shutdown. Purchase one advanced cable (INT-0035) and up to four basic cable configurations (INT-0013) per signal splitter box.

\*\* Replaces EnvirCom1. For remote monitoring and notification of alarm conditions via phone lines.

## FERRUPS RACK AND TOWER BASE UNIT SERVICE PLANS

Product	Contract Gold Plan		List Price	Gold Plan Plus		List Price	On-site Gold Plan		List Price
	Duration	Part Number		Part Number	Part Number		Plus Part Number		
500–850 VA	2 YR	2XXGXFERRX850CX	\$82	2XXGPFERRX850CX	\$708	20SGXFERRX850CX	\$789	20SGPFERRX850CX	\$922
	3 YR	3XXGXFERRX850CX	\$266	3XXGPFERRX850CX	\$908	30SGXFERRX850CX	\$934	30SGPFERRX850CX	\$1,473
	5 YR	5XXGXFERRX850CX	\$497	5XXGPFERRX850CX	\$1,283	50SGXFERRX850CX	\$1,558	50SGPFERRX850CX	\$2,420
1.15–1.4 kVA	2 YR	2XXGXFERR1400CX	\$150	2XXGPFERR1400CX	\$772	20SGXFERR1400CX	\$885	20SGPFERR1400CX	\$959
	3 YR	3XXGXFERR1400CX	\$424	3XXGPFERR1400CX	\$1,068	30SGXFERR1400CX	\$1,283	30SGPFERR1400CX	\$1,593
	5 YR	5XXGXFERR1400CX	\$730	5XXGPFERR1400CX	\$1,611	50SGXFERR1400CX	\$2,115	50SGPFERR1400CX	\$2,642
1.8–3.1 kVA	2 YR	2XXGXFERR3100CX	\$182	2XXGPFERR3100CX	\$802	20SGXFERR3100CX	\$1,042	20SGPFERR3100CX	\$1,224
	3 YR	3XXGXFERR3100CX	\$551	3XXGPFERR3100CX	\$1,179	30SGXFERR3100CX	\$1,411	30SGPFERR3100CX	\$2,056
	5 YR	5XXGXFERR3100CX	\$1,134	5XXGPFERR3100CX	\$1,859	50SGXFERR3100CX	\$2,400	50SGPFERR3100CX	\$3,415
4.3–7.0 kVA	2 YR	-	-	2XXGFERR7KVACX	\$841	20SGXFERR7KVACX	\$1,374	20SGPFERR7KVACX	\$2,273
	3 YR	-	-	3XXGFERR7KVACX	\$1,461	30SGXFERR7KVACX	\$1,722	30SGPFERR7KVACX	\$3,095
	5 YR	-	-	5XXGFERR7KVACX	\$2,248	50SGXFERR7KVACX	\$2,465	50SGPFERR7KVACX	\$4,737
10 kVA	2 YR	-	-	2XXGPFERR10KVXCX	\$873	20SGXFERR10KVXCX	\$1,396	20SGPFERR10KVXCX	\$2,295
	3 YR	-	-	3XXGPFERR10KVXCX	\$1,749	30SGXFERR10KVXCX	\$1,973	30SGPFERR10KVXCX	\$3,160
	5 YR	-	-	5XXGPFERR10KVXCX	\$2,784	50SGXFERR10KVXCX	\$2,856	50SGPFERR10KVXCX	\$4,858
12.5–18 kVA	2 YR	-	-	2XXGPFERR18KVXCX	\$890	20SGXFERR18KVXCX	\$1,562	20SGPFERR18KVXCX	\$2,436
	3 YR	-	-	3XXGPFERR18KVXCX	\$2,288	30SGXFERR18KVXCX	\$2,391	30SGPFERR18KVXCX	\$3,499
	5 YR	-	-	5XXGPFERR18KVXCX	\$3,937	50SGXFERR18KVXCX	\$3,596	50SGPFERR18KVXCX	\$5,646

# EATON FERRUPS UPS RACK SERIES 60 HZ (continued)

## FERRUPS EXTERNAL BATTERY CABINETS

GROUP 1	Contract Duration	Gold Plan Part Number	List Price	Gold Plan Plus Part Number	List Price	On-site Gold Plan Part Number	List Price	On-site Gold Plan Part Number	List Price
21 ME	2 YR	2XXGXFERRXBG1CX	\$74	2XXGPFERRXBG1CX	\$106	20SGXFERRXBG1CX	\$137	20SGPFERRXBG1CX	\$226
	3 YR	3XXGXFERRXBG1CX	\$268	3XXGPFERRXBG1CX	\$300	30SGXFERRXBG1CX	\$375	30SGPFERRXBG1CX	\$510
	5 YR	5XXGXFERRXBG1CX	\$541	5XXGPFERRXBG1CX	\$574	50SGXFERRXBG1CX	\$738	50SGPFERRXBG1CX	\$961
<b>GROUP 2</b>									
8ME EBPS4.3R	2 YR	2XXGXFERRXBG2CX	\$79	2XXGPFERRXBG2CX	\$111	20SGXFERRXBG2CX	\$153	20SGPFERRXBG2CX	\$240
9ME EBPS10	3 YR	3XXGXFERRXBG2CX	\$436	3XXGPFERRXBG2CX	\$469	30SGXFERRXBG2CX	\$551	30SGPFERRXBG2CX	\$683
24ME 1FE	5 YR	5XXGXFERRXBG2CX	\$946	5XXGPFERRXBG2CX	\$978	50SGXFERRXBG2CX	\$1,140	50SGPFERRXBG2CX	\$1,345
25ME 1re									
<b>GROUP 3</b>									
2FE 9FE	2 YR	2XXGXFERRXBG3CX	\$79	2XXGPFERRXBG3CX	\$112	20SGXFERRXBG3CX	\$177	20SGPFERRXBG3CX	\$261
16FE 2re	3 YR	3XXGXFERRXBG3CX	\$599	3XXGPFERRXBG3CX	\$646	30SGXFERRXBG3CX	\$746	30SGPFERRXBG3CX	\$873
1rd	5 YR	5XXGXFERRXBG3CX	\$1,311	5XXGPFERRXBG3CX	\$1,344	50SGXFERRXBG3CX	\$1,560	50SGPFERRXBG3CX	\$1,765
<b>GROUP 4</b>									
EBPS12.5	2 YR	2XXGXFERRXBG4CX	\$79	2XXGPFERRXBG4CX	\$111	20SGXFERRXBG4CX	\$174	20SGPFERRXBG4CX	\$257
EBPS18	3 YR	3XXGXFERRXBG4CX	\$378	3XXGPFERRXBG4CX	\$411	30SGXFERRXBG4CX	\$511	30SGPFERRXBG4CX	\$641
8FE	5 YR	5XXGXFERRXBG4CX	\$825	5XXGPFERRXBG4CX	\$857	50SGXFERRXBG4CX	\$1,054	50SGPFERRXBG4CX	\$1,261
<b>GROUP 5</b>									
10ME 11ME	2 YR	2XXGXFERRXBG5CX	\$147	2XXGPFERRXBG5CX	\$181	20SGXFERRXBG5CX	\$234	20SGPFERRXBG5CX	\$317
12ME 3FE	3 YR	3XXGXFERRXBG5CX	\$1,056	3XXGPFERRXBG5CX	\$1,084	30SGXFERRXBG5CX	\$1,243	30SGPFERRXBG5CX	\$1,266
4FE 2rd	5 YR	5XXGXFERRXBG5CX	\$2,499	5XXGPFERRXBG5CX	\$2,347	50SGXFERRXBG5CX	\$2,682	50SGPFERRXBG5CX	\$2,799
<b>GROUP 6</b>									
13ME	2 YR	2XXGXFERRXBG6CX	\$158	2XXGPFERRXBG6CX	\$190	20SGXFERRXBG6CX	\$252	20SGPFERRXBG6CX	\$336
5FE	3 YR	3XXGXFERRXBG6CX	\$1,308	3XXGPFERRXBG6CX	\$1,343	30SGXFERRXBG6CX	\$1,419	30SGPFERRXBG6CX	\$1,550
3rd	5 YR	5XXGXFERRXBG6CX	\$2,868	5XXGPFERRXBG6CX	\$2,903	50SGXFERRXBG6CX	\$3,046	50SGPFERRXBG6CX	\$3,246
<b>GROUP 7</b>									
10FE	2 YR	2XXGXFERRXBG7CX	\$194	2XXGPFERRXBG7CX	\$227	20SGXFERRXBG7CX	\$290	20SGPFERRXBG7CX	\$382
17FE	3 YR	3XXGXFERRXBG7CX	\$1,355	3XXGPFERRXBG7CX	\$1,388	30SGXFERRXBG7CX	\$1,477	30SGPFERRXBG7CX	\$1,648
	5 YR	5XXGXFERRXBG7CX	\$2,994	5XXGPFERRXBG7CX	\$3,027	50SGXFERRXBG7CX	\$3,202	50SGPFERRXBG7CX	\$3,409
<b>GROUP 8</b>									
14ME 6FE	2 YR	2XXGXFERRXBG8CX	\$315	2XXGPFERRXBG8CX	\$338	20SGXFERRXBG8CX	\$411	20SGPFERRXBG8CX	\$494
11FE 12FE	3 YR	3XXGXFERRXBG8CX	\$2,359	3XXGPFERRXBG8CX	\$2,351	30SGXFERRXBG8CX	\$2,532	30SGPFERRXBG8CX	\$2,574
18FE 19FE	5 YR	5XXGXFERRXBG8CX	\$5,147	5XXGPFERRXBG8CX	\$5,180	50SGXFERRXBG8CX	\$5,332	50SGPFERRXBG8CX	\$5,563
<b>GROUP 9</b>									
15ME 7FE	2 YR	2XXGXFERRXBG9CX	\$385	2XXGPFERRXBG9CX	\$417	20SGXFERRXBG9CX	\$480	20SGPFERRXBG9CX	\$563
13FE 20FE	3 YR	3XXGXFERRXBG9CX	\$3,241	3XXGPFERRXBG9CX	\$3,274	30SGXFERRXBG9CX	\$3,343	30SGPFERRXBG9CX	\$3,473
	5 YR	5XXGXFERRXBG9CX	\$7,202	5XXGPFERRXBG9CX	\$7,223	50SGXFERRXBG9CX	\$7,344	50SGPFERRXBG9CX	\$7,552
<b>GROUP 10</b>									
14FE	2 YR	2XXGXFERRBG10CX	\$667	2XXGPFERRBG10CX	\$700	20SGXFERRBG10CX	\$773	20SGPFERRBG10CX	\$856
21FE	3 YR	3XXGXFERRBG10CX	\$5,348	3XXGPFERRBG10CX	\$5,380	30SGXFERRBG10CX	\$5,449	30SGPFERRBG10CX	\$5,579
	5 YR	5XXGXFERRBG10CX	\$11,909	5XXGPFERRBG10CX	\$11,941	50SGXFERRBG10CX	\$12,059	50SGPFERRBG10CX	\$12,266
<b>GROUP 11</b>									
15FE	2 YR	2XXGXFERRBG11CX	\$1,014	2XXGPFERRBG11CX	\$1,046	20SGXFERRBG11CX	\$1,120	20SGPFERRBG11CX	\$1,203
22FE	3 YR	3XXGXFERRBG11CX	\$8,268	3XXGPFERRBG11CX	\$8,301	30SGXFERRBG11CX	\$8,343	30SGPFERRBG11CX	\$8,473
	5 YR	5XXGXFERRBG11CX	\$18,423	5XXGPFERRBG11CX	\$18,455	50SGXFERRBG11CX	\$18,520	50SGPFERRBG11CX	\$18,727

### Startup and Preventive Maintenance Service

Product	Part Number	List Price	Product	Part Number	List Price
<b>On-site Startup</b>			<b>On-site Preventive Maintenance</b>		
5x8 Service	OSTUPFERRXALLC5	\$695	5x8 Service	OXXPMFERRXALLC5	\$695
7x24 Service	OSTUPFERRXALLC7	\$895	7x24 Service	OXXPMFERRXALLC7	\$895

On-site Gold plans are 7x24. Additional information about service plan features can be found in the Single-Phase Service Plans Overview section of this reference guide.



# EATON FERRUPS UPS EXTERNAL OPTIONS & ACCESSORIES

## FERRUPS EXTERNAL BATTERY PACK BACKUP TIMES (full/half load)

FERRUPS external battery packs offer extended backup times. Please see following pages for typical backup times. Use of the external battery packs require that the FERRUPS UPS be configured with external battery or battery charger options as noted below.

### Tower: 500–850 VA

Battery Pack	List Price	FE500 VA	FE700 VA	FE850 VA
21ME	\$970	3h 40m / 10h 22m	2h 10m / 6h 07m	1h 40m / 4h 42m
24ME <sup>1</sup>	\$2,025	7h 50m / 22h 09m	5h 40m / 16h 0m	3h 50m / 10h 50m
25ME	\$2,245	8h 45m / 24h 44m	6h 30m / 18h 23m	4h 10m / 11h 47m

### Tower: 1.15–3.1 kVA

Battery Pack	List Price	FE1.15 kVA	FE1.4 kVA	FE1.8 kVA	FE2.1 kVA	FE3.1 kVA
8ME	\$2,005	3h 15m / 9h 11m	2h 20m / 6h 35m	-	-	-
9ME	\$2,190	3h 50m / 10h 50m	3h 10m / 8h 57m	2h 12m / 4h 53m	1h 41m / 3h 54m	57m / 2h 27m
10ME	\$3,765	6h 30m / 18h 23m	5h 20m / 15h 5m	3h 38m / 8h 22m	2h 50m / 6h 37m	1h 41m / 4h 03m
11ME	\$4,171	-	-	5h 09m / 11h 30m	4h 03m / 9h 10m	2h 29m / 5h 44m
12ME	\$5,550	-	-	6h 07m / 14h 06m	4h 46m / 11h 08m	2h 52m / 6h 50m
13ME	\$6,775	-	-	8h 30m / 18h 53m	6h 42m / 15h 04m	4h 07m / 9h 27m
14ME	\$8,315	-	-	12h 08m / 27h 06m	9h 33m / 21h 36m	5h 52m / 13h 30m
15ME	\$11,245	-	-	18h 52m / 44h 45m	15h 12m / 36h 28m	9h 41m / 22h 18m

### Tower: 4.3–7 kVA

Battery Pack	List Price	FE4.3 kVA	FE5.3 kVA	FE7 kVA
1FE	\$2,705	40m / 1h 42m	27m / 1h 14m	-
2FE	\$3,790	1h 11m / 2h 51m	49m / 2h 10m	34m / 1h 28m
3FE	\$4,200	1h 49m / 4h 05m	1h 12m / 3h 08m	48m / 2h 13m
4FE <sup>2</sup>	\$5,600	2h 06m / 4h 46m	1h 27m / 3h 39m	60m / 2h 33m
5FE <sup>2</sup>	\$6,845	3h 04m / 6h 46m	2h 13m / 5h 11m	1h 32m / 3h 41m
6FE <sup>3</sup>	\$8,240	4h 27m / 9h 39m	3h 08m / 7h 22m	2h 16m / 5h 14m
7FE <sup>3</sup>	\$11,380	7h 12m / 15h 56m	5h 10m / 12h 10m	3h 45m / 8h 39m

### Tower: 10–18 kVA

Battery Pack	List Price	FE10 kVA	FE12.5 kVA	Battery Pack	List Price	FE18 kVA
EBPS10F	\$3,000	11m / 26 m	-	EBPS18F	\$4,140	10m / 26m
EBPS12F	\$4,140	-	18m / 48m	16FE	\$5,425	14m / 39m
8FE	\$4,165	27m / 1h 10m	-	17FE	\$8,330	27m / 1h 10m
9FE	\$5,490	41m / 1h 48m	27m / 1h 13m	18FE	\$8,960	37m / 1h 46m
10FE	\$8,360	1h 13m / 2h 59m	49m / 2h 07m	19FE <sup>3</sup>	\$12,560	48m / 2h 04m
11FE	\$9,270	1h 51m / 4h 16m	1h 12m / 3h 04m	20FE <sup>3</sup>	\$15,720	1h 13m / 3h 01m
12FE <sup>2</sup>	\$12,450	2h 09m / 5h 02m	1h 38m / 4h 05m	21FE <sup>3</sup>	\$17,920	1h 49m / 4h 17m
13FE <sup>2</sup>	\$15,875	3h 07m / 7h 04m	2h 12m / 5h 05m	22FE <sup>3</sup>	\$26,795	3h 04m / 7h 05m
14FE <sup>3</sup>	\$18,435	4h 26m / 10h 04m	3h 08m / 7h 14m			
15FE <sup>3</sup>	\$26,780	7h 20m / 16h 38m	5h 10m / 11h 57m			

### Rackmount: 2.1–7 kVA

Battery Pack	List Price	FER2.1 kVA	FER3.1 kVA	FER7 kVA
1RE	\$2,595	1h 41m / 3h 54m	57m / 2h 27m	-
2RE	\$4,505	2h 50m / 6h 37m	1h 41m / 4h 03m	-
EBPS4.3R	\$2,550	-	-	12m / 33m

1. Requires FERRUPS UPS to be configured with optional 15 Amp battery charger.

2. Requires FERRUPS UPS to be configured with optional 10 Amp battery charger.

3. Requires FERRUPS UPS to be configured with optional 20 Amp battery charger.

Note: Backup times are approximate and vary with equipment, configuration, battery age, temperature etc.

# EATON FERRUPS UPS EXTERNAL OPTIONS & ACCESSORIES

(continued)

## MAINTENANCE BYPASS SWITCHES

Part Number	Description	Application	List Price
BPE01MBB1A	BPE01 Make-Before-Break Maintenance Bypass Switch	For use with: FE500 VA–2.1 kVA with 120V input FE3.1 kVA with 120 V input and standard charger	\$420
BPE02BBM1A	BPE02 Break-Before-Make Maintenance Bypass Switch	For use with: FE500 VA–7 kVA with 208V or 220V input	\$575
BPE02MBB1A	BPE02 Make-Before-Break Maintenance Bypass Switch	For use with: FE3.1 kVA with 120V input and 15 Amp charger FE4.3 kVA with 120V input FE500 VA–FE7 kVA with 240V input	\$575
BPE04BBM1A	BPE04 Break-Before-Make Maintenance Bypass Switch	For use with: FE10 kVA–12.5 kVA with 208V input	\$630
BPE04MBB1A	BPE04 Make-Before-Break Maintenance Bypass Switch	For use with: FE5.3 kVA–7 kVA with 120V input FE10 kVA–FE12.5 kVA with 240V input	\$700
BPE05MBB1A	BPE05 Make-Before-Break Maintenance Bypass Switch	For use with: FE18 kVA with 240V input	\$875
BPE05BBM1A	BPE05 Break-Before-Make Maintenance Bypass Switch	For use with: FE18 kVA with 208V input	\$780

Note: See FERRUPS CTO Configuration Guides for additional external maintenance bypass switch options.

## SPARE PARTS KITS<sup>1</sup>

Application	Low Voltage Part Number	High Voltage Part Number	List Price
FE500VA 60 Hz Tower	SPK-FALV	-	\$649
FE700VA 60 Hz Tower	SPK-FBLV	-	\$649
FE850VA 60 Hz Tower	SPK-FCLV	SPK-FCHV	\$649
FE1.15kVA 60 Hz Tower	SPK-FDLV	SPK-FDHV	\$899
FE1.4kVA 60 Hz Tower	SPK-FELV	SPK-FEHV	\$899
FE1.8kVA 60 Hz Tower	SPK-FFLV	SPK-FFHV	\$999
FE2.1kVA 60 Hz Tower	SPK-FGLV	SPK-FGHV	\$999
FE3.1kVA 60 Hz Tower	SPK-FHLV	SPK-FHHV	\$1,049
FE4.3kVA 60 Hz Tower, with 5 Amp Battery Charger	SPK-FILV-5A	SPK-FIHV-5A	\$1,199
FE4.3kVA 60 Hz Tower, with 10 Amp Battery Charger	SPK-FILV-10A	SPK-FIHV-10A	\$1,449
FE4.3kVA 60 Hz Tower, with 20 Amp Battery Charger	SPK-FILV-20A	SPK-FIHV-20A	\$1,799
FE5.3kVA 60 Hz Tower, with 5 Amp Battery Charger	SPK-FJLV-5A	SPK-FJHV-5A	\$1,199
FE5.3kVA 60 Hz Tower, with 10 Amp Battery Charger	SPK-FJLV-10A	SPK-FJHV-10A	\$1,449
FE5.3kVA 60 Hz Tower, with 20 Amp Battery Charger	SPK-FJLV-20A	SPK-FJHV-20A	\$1,799
FE7kVA 60 Hz Tower, with 5 Amp Battery Charger	SPK-FKLV-5A	SPK-FKHV-5A	\$1,349
FE7kVA 60 Hz Tower, with 10 Amp Battery Charger	SPK-FKLV-10A	SPK-FKHV-10A	\$1,999
FE7kVA 60 Hz Tower, with 20 Amp Battery Charger	SPK-FKLV-20A	SPK-FKHV-20A	\$2,249
FE10kVA 60 Hz Tower, with 5 Amp Battery Charger	-	SPK-FLHV-5A	\$2,099
FE10kVA 60 Hz Tower, with 10 Amp Battery Charger	-	SPK-FLHV-10A	\$2,249
FE10kVA 60 Hz Tower, with 20 Amp Battery Charger	-	SPK-FLHV-20A	\$2,499
FE12.5kVA 60 Hz Tower, with 5 Amp Battery Charger	-	SPK-FMHV-5A	\$2,799
FE12.5kVA 60 Hz Tower, with 10 Amp Battery Charger	-	SPK-FMHV-10A	\$3,049
FE12.5kVA 60 Hz Tower, with 20 Amp Battery Charger	-	SPK-FMHV-20A	\$3,299
FE18kVA 60 Hz Tower, with 5 Amp Battery Charger	-	SPK-FNHV-5A	\$3,099
FE18kVA 60 Hz Tower, with 10 Amp Battery Charger	-	SPK-FNHV-10A	\$3,349
FE18kVA 60 Hz Tower, with 20 Amp Battery Charger	-	SPK-FNHV-20A	\$3,599
FES850VA 60 Hz rack	SPK-RALV	SPK-RAHV	\$1,115
FES1.4kVA 60 Hz rack	SPK-RCLV	-	\$1,423
FER or FES2.1kVA 60 Hz rack	SPK-RHLV	-	\$1,523
FER or FES3.1kVA 60 Hz rack	-	SPK-RIHV	\$1,999
FER7kVA 60 Hz rack, with 5 Amp Battery Charger	SPK-RKLV-5A	SPK-RKHV-5A	\$2,799
FER7kVA 60 Hz rack, with 10 Amp Battery Charger	SPK-RKLV-10A	SPK-RKHV-10A	\$2,999

1. Spare parts kits must be ordered at time of FERRUPS UPS order.

# EATON BLADEUPS

## Double-conversion On-demand (12–60 kW)

The Eaton BladeUPS is a revolutionary power quality solution, expanding power protection from 12 kW to 60 kW in a single industry standard 19-inch rack, and, most significantly, providing this robust, compact solution without generating the additional heat associated with legacy end-of-row, modular UPS products.

- Achieves the highest power density in the marketplace
- Requires only six rack units (6U) per unit
- Reduces single points of failure with an intelligent bypass design that eliminates human error
- Provides the ultimate in reliability through a peer-to-peer paralleling relationship



## BLADEUPS (12–60 kW) MODELS

Model	Part Number	Rating	Input/Output Voltage	Dimensions (H x W x D, inches)	Weight <sup>1</sup> (lb)	List Price
PWBladeUPS 208V w/60A 5W in/5W out	ZC1212200100000	12 kVA (12 kW)	208/208	10.5 x 17.3 x 28.0	322	\$10,425
PWBladeUPS 208V w/60A 5W in/5W out w/SNMP	ZC1212210100000	12 kVA (12 kW)	208/208	10.5 x 17.3 x 28.0	322	\$10,700
PWBladeUPS 208V w/60A 5W in/4W out	ZC1212600100000	12 kVA (12 kW)	208/208	10.5 x 17.3 x 28.0	321	\$10,400
PWBladeUPS 208V w/60A 5W in/4W out w/SNMP	ZC1212610100000	12 kVA (12 kW)	208/208	10.5 x 17.3 x 28.0	321	\$10,675
BladeUPS 12 kW 208V w/60A 5W in/RPM ONLY	ZC1212000100000	12 kVA (12 kW)	208/208	10.5 x 17.3 x 28.0	321	\$10,250
BladeUPS 12 kW 208V w/60A 5W in/RPM ONLY w/SNMP	ZC1212010100000	12 kVA (12 kW)	208/208	10.5 x 17.3 x 28.0	321	\$10,525
PWBladeUPS 208V w/parallel cord	ZC121P060100000	12 kVA (12 kW)	208/208	10.5 x 17.3 x 28.0	311	\$10,475
PWBladeUPS 208V w/parallel cord w/SNMP	ZC121P061100000	12 kVA (12 kW)	208/208	10.5 x 17.3 x 28.0	311	\$10,750

1. All weights are installed weight, add 80 lb to determine shipping weight.

## BLADEUPS OPTIONS

Description	Part Number	Dimensions (H x W x D, inches)	Weight (lb)	List Price
<b>Extended Battery Modules</b>				
PWBladeUPS 3U EBM <sup>1</sup>	103005747-6591	5.2 x 17.2 x 26.0	170	\$1,325
<b>Extension Cable</b>				
PWBladeUPS 3 Ft EBM Extension Cable	103006348-001	2.4 x 8.5 x 9.7	2	\$170

1. Shipped on pallet with dimensions of 5x40x48.

### UPS Paralleling

PWBladeUPS Bar System in 42U Enclosure (includes Bus Bar and Wireway)	103005913	80.0 x 24.0 x 42.0	350	\$5,800
PWBladeUPS 60 kW Bus Bar	103006168-5591 <sup>2</sup>	71.9 x 4.5 x 5.5	42	call for pricing
PWBladeUPS 60 kW Wireway	103006170-5591 <sup>2</sup>	10.4 x 19.0 x 34.0	45	call for pricing

2. Please consult Application Engineering when purchasing this item.

### Distribution Options

See ePDU options in the Eaton Power Distribution and Enclosures section of this book.

## SOFTWARE AND CONNECTIVITY OPTIONS

Bundled with Software Suite CD and communication cable. See the software and connectivity product sections for more detail.

## BUILT-IN CONNECTIVITY OPTIONS

Option	Select digit "8" in the CTO number	Value for CTO Digit 8	Price Adder
X-Slot 1	ConnectUPS-X Web/SNMP Card	1	\$275
	Modbus Communication	2	\$545
	Standard Relay Card (<60 Vac rated, IBM AS/400)	3	\$120
	Industrial Relay Card (5A @ 250 Vac)	4	\$275
	Modem Card (required for out-of-band monitoring)	5	\$460
	Hot Sync CAN Bridge Card	6	\$460
	Power Xpert Gateway Series 2000 Card	7	\$745
Option	Select digit "9" in the CTO number	Value for CTO Digit 9	Price Adder
X-Slot 2	ConnectUPS-X Web/SNMP Card	1	\$275
	Modbus Communication	2	\$545
	Standard Relay Card (<60 Vac rated, IBM AS/400)	3	\$120
	Industrial Relay Card (5A @ 250 Vac)	4	\$275
	Modem Card (required for out-of-band monitoring)	5	\$460

# EATON BLADEUPS (continued)

## BLADEUPS BATTERY BACKUP TIMES (in minutes)

Load (kW)	Internal Battery	+1 EBM	+2 EBMs	+3 EBMs	+4 EBMs
2	44	85	137	199	258
3	30	56	89	128	165
4	23	42	66	94	120
5	18	33	51	73	94
6	14	27	42	60	76
7	11	23	32	50	64
8	9	18	28	43	55
9	7	15	24	38	48
10	6	13	22	33	42
11	5	11	20	30	38
12	5	10	17	27	34

Note: Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.  
 1 EBM needed per BladeUPS.

## BLADEUPS BATTERY BACKUP TIMES (Parallel UPS, in minutes)

Number of UPS Modules	Total Load (kW)	Configuration	Internal Battery	+1 EBM	+2 EBMs	+3 EBMs	+4 EBMs
2	12	N+1	14	27	42	60	76
3	24	N+1	9	18	28	43	55
4	36	N+1	7	15	24	38	48
5	48	N+1	7	13	23	35	44
6	60	N+1	6	13	22	33	42

## BLADEUPS OPTIONS: RACK POWER MODULE (RPM)

The RPM delivers up to 36 kW of power in an organized manner to loads of various voltages, power cords and layouts. The 3U RPM can be deployed in the same rack with the UPS and IT equipment; there's no need for a dedicated infrastructure rack. The resulting architecture has fewer cables to manage, fewer distribution points to monitor, and greater flexibility for IT personnel make changes without an electrician.

- Provides plug-and-play primary distribution of power from three-phase input source to secondary power distribution devices
- Serves data center loads with various voltages, power cord configurations and layouts
- Distributes three-phase power to 12 poles, with choice of output receptacle types
- "Power Equalizer" LED gives quick visual indication of each circuits load, reducing possibility of overloads and breakers tripped offline
- Load information available from the front of the rack, no need to check individual power strips in the rear of the cabinet (hot isle)
- Branch circuit monitoring option allows easy load monitoring over the network, with Power Xpert infrastructure
- Installs in only 3U of space in EIA 19-inch rack or enclosure (or optional wall-mount), all hardware included
- Enables customer installation and changes without the services of a licensed electrician



## RPM TOPSELLERS

Need a product quickly? Choose one of the following topseller models always in stock.

Part Number	Input Cable	Receptacles		Metering	TVSS	Price
		Recep 1	Recep 2			
Y03113011100000	BladeUPS 208V 15'	L21-20 (2)	L21-20 (2)	Local Power Meter	No	\$2,690
Y03113022100000	BladeUPS 208V 15'	L21-30 (2)	L21-30 (2)	Local Power Meter	No	\$2,780
Y03113055100000	BladeUPS 208V 15'	L6-30 (3)	L6-30 (3)	Local Power Meter	No	\$2,290
Y03113047100000	BladeUPS 208V 15'	L6-20 (3)	5-20 (6)	Local Power Meter	No	\$2,325
Y03113017100000	BladeUPS 208V 15'	L21-20 (2)	5-20 (6)	Local Power Meter	No	\$2,465
Y031130FF100000	BladeUPS 208V 15'	L15-30 (2)	L15-30 (2)	Local Power Meter	No	\$2,700

# EATON BLADEUPS (continued)

## RACK POWER MODULE CONFIGURATOR

Description	Quantity	Part Number Digit	Value	List Price	
Base 3U RPM Distribution Box	-	1	Y		
		2	0		
		3	3		
Input Voltage	208V	-	4	1	\$1,575
	400V			2	\$1,575
Input Cords: Connection	Hardwired	-	5	0	
	BladeUPS Unit 208V			1	
	IEC309-60 5 wire			2	
	NEMA L21-30P			3	
	BladeUPS Unit 400V			4	
Input Cords: Length	Hardwired	-	6	0	\$215
	8 feet	-		1	BladeUPS Unit 208V \$170 IEC309-60 5 wire \$640 NEMA L21-30P \$125 BladeUPS Unit 400V \$170
	10 feet	-		2	BladeUPS Unit 208V \$230 IEC309-60 5 wire \$645 NEMA L21-30P \$140 BladeUPS Unit 400V \$230
	15 feet	-		3	BladeUPS Unit 208V \$315 IEC309-60 5 wire \$705 NEMA L21-30P \$155 BladeUPS Unit 400V \$315
	20 feet	-		4	BladeUPS Unit 208V \$390 IEC309-60 5 wire \$765 NEMA L21-30P \$175 BladeUPS Unit 400V \$390
Future Option		-	7	0	-
Output Receptacle Plate #1 & Output Receptacle Plate #2	L21-20R	2	8 & 9	1	\$400
	L21-30R	2		2	\$445
	L6-15R	3		3	\$245
	L6-20R	3		4	\$260
	L6-30R	3		5	\$200
	5-15R	6		6	\$170
	5-20R	6		7	\$175
	L14-20R	3		8	\$180
	L14-30R	3		9	\$245
	IEC320-C13 (208V)	12		A	\$180
	IEC320-C19 (208V)	6		B	\$160
	IEC320-C13 (230V)	12		C	\$180
	IEC320-C19 (230V)	6		D	\$160
	L15-20	2		E	\$400
	L15-30	2		F	\$445
Metering Choices	Power Equalizer	-	10	1	-
	Energy Management System, NO card	-		2	\$695
	Energy Management System, with card	-		3	\$1,025
Meter Configuration		-	11	0	-
TVSS Option	None	-	12	0	\$0
	TVSS Installed (208V)	-		1	\$350
	TVSS Installed (400V)	-		2	\$350
Future Option		-	13	0	-
		-	14	0	-
		-	15	0	-

How to order: 1. Select base model voltage (208V or 400V), 2. Select input connector option, 3. Select input cord length (corded units only), 4. Select first receptacle plate option, 5. Select second receptacle plate option, 6. Select metering option, 7. Select TVSS option.

Example of configured model part number: Y03111022300000

## EATON BLADEUPS (continued)

### BLADEUPS SERVICE PLANS

#### PowerTrust Service Plans (on-site 7x24 with 8-hour response, annual UPS PMs)

Rating (kW)	Service Plan Part Number	List Price	Extended Battery Module Part Number	List Price per EBM
12 kW-36 kW	PT82CEDX-BLAD-12-36	\$3,912	BR07CXXX-BLADE-B	\$650
48 kW-60 kW	PT82CEDX-BLAD-48-60	\$4,879	BR07CXXX-BLADE-B	\$650

#### PowerTrust Value Service Plans (on-site 5x8 with next business day response, annual UPS PMs)

Rating (kW)	Service Plan Part Number	List Price	Extended Battery Module Part Number	List Price per EBM
12 kW-36 kW	PVN3CEXX-BLAD-12-36	\$2,836	BR07CXXX-BLADE-B	\$650
48 kW-60 kW	PVN3CEXX-BLAD-48-60	\$3,593	BR07CXXX-BLADE-B	\$650

#### Startup and Preventive Maintenance Service

Rating (kW)	Description	Part Number	List Price
12 kW-36 kW	Startup 5x8	SU06CXXX-BLAD-36	\$1,350
48 kW-60 kW	Startup 5x8	SU06CXXX-BLAD-60	\$1,596
12 kW-36 kW	Startup 7x24	SU05CXXX-BLAD-36	\$1,600
48 kW-60 kW	Startup 7x24	SU05CXXX-BLAD-60	\$2,100
12 kW-36 kW	Assembly and Set-up	AS00CXXX-BLAD-36	\$1,200
48 kW-60 kW	Assembly and Set-up	AS00CXXX-BLAD-60	\$1,400
12 kW-36 kW	UPS PM 5x8	0006CXXX-BLAD-36	\$1,200
48 kW-60 kW	UPS PM 5x8	0006CXXX-BLAD-60	\$1,350
12 kW-36 kW	UPS PM 7x24	0005CXXX-BLAD-36	\$1,300
48 kW-60 kW	UPS PM 7x24	0005CXXX-BLAD-60	\$1,500
12 kW-36 kW	EBM Battery PM 1 - 4 EBMs	0005CSXX-BLADE-B	\$895

Startup is purchased separately. Call 800-843-9433 for additional services or response time availability. Adders apply for remote locations.

Additional information about service plan features can be found in the Three-phase Service Plans Overview section of this reference guide.

### BLADEUPS SPARE PARTS

Rating (kW)	Description	Service Part Number	List Price
12 kW	BladeUPS Power Module	103005991-5501	\$3,240
12 kW	Replacement Battery Tray (Internal)	103005977-5591	\$408

# EATON 9355 UPS

## Double-conversion (10–15 kVA)

This innovative design delivers one of the industry's best combinations of high efficiency, low input current distortion and highest power factor, while conserving valuable space and offering the most cost-effective, highest performance option available today.

- True double-conversion topology protects equipment from all nine of the most common power problems
- Industry leading power density, providing up to 20 percent more power capacity in a compact tower design including batteries
- Up to 350 percent more standard runtime
- Up to a 74 percent footprint reduction and up to an 83 percent total size reduction
- Flexible on-board power distribution modules (PDMs) allow for hardwired output or up to 15 different output receptacle options, reducing installation and site preparation expenses
- Plug-and-play rack enclosure power distribution with the 9355 on-board PDU
- Inherently scalable from 10–15 and 20–30 kVA, allowing you to pay as you grow or increase capacity with no additional hardware purchases or installation concerns
- Eaton's patented Hot Sync paralleling technology allows for wireless paralleling in the event of communications failure, providing the industry's only truly redundant paralleling technology
- Flexible 0 footprint extended run configurations allow for adding additional runtime in the same industry-leading compact footprint
- Includes rear-mounted bypass switch



## 9355 (10–15 kVA) MODELS

Model	Part Number <sup>1</sup>	Rating	Input/Output Voltage	Base Runtime	Dimensions (H x W x D, inches) <sup>3</sup>	Weight (lb) <sup>3</sup>	List Price
PW9355 10 kVA with 32-Battery (2-high)	KA1011100000010	10 kVA/9 kW	208/208	8 min	32.2 x 12.0 x 33.7	373	\$14,352
PW9355 10 kVA with 64-Battery (3-high)	KA1012100000010	10 kVA/9 kW	208/208	22 min	47.8 x 12.0 x 33.7	609	\$16,058
PW9355 10 kVA with 32-Battery (2-high)	KA1011200000010	10 kVA/9 kW	220/220 <sup>2</sup>	8 min	32.2 x 12.0 x 33.7	373	\$14,352
PW9355 10 kVA with 64-Battery (3-high)	KA1012200000010	10 kVA/9 kW	220/220 <sup>2</sup>	22 min	47.8 x 12.0 x 33.7	609	\$16,058
PW9355 10 kVA with 32-Battery and input isolation transformer (3-high)	KA1013400000010	10 kVA/9 kW	480/208	8 min	47.8 x 12.0 x 33.7	577	\$18,481
PW9355 10 kVA with 32-Battery and input isolation transformer (3-high)	KA1013600000010	10 kVA/9 kW	600/208	8 min	47.8 x 12.0 x 33.7	577	\$18,481
PW9355 15 kVA with 32-Battery (2-high)	KA1511100000010	15 kVA/13.5 kW	208/208	4 min	32.2 x 12.0 x 33.7	373	\$16,120
PW9355 15 kVA with 64-Battery (3-high)	KA1512100000010	15 kVA/13.5 kW	208/208	13 min	47.8 x 12.0 x 33.7	609	\$17,919
PW9355 15 kVA with 32-Battery (2-high)	KA1511200000010	15 kVA/13.5 kW	220/220 <sup>2</sup>	4 min	32.2 x 12.0 x 33.7	373	\$16,120
PW9355 15 kVA with 64-Battery (3-high)	KA1512200000010	15 kVA/13.5 kW	220/220 <sup>2</sup>	13 min	47.8 x 12.0 x 33.7	609	\$17,919
PW9355 15 kVA with 32-Battery and input isolation transformer (3-high)	KA1513400000010	15 kVA/13.5 kW	480/208	4 min	47.8 x 12.0 x 33.7	577	\$20,124
PW9355 15 kVA with 32-Battery and input isolation transformer (3-high)	KA1513600000010	15 kVA/13.5 kW	600/208	4 min	47.8 x 12.0 x 33.7	577	\$20,124

Notes: 1. 50/60 Hz auto-servicing. 2. 220V units are wye connected 220/127V input and 220/127V output, three-phase, 4-wire plus ground. 3. Add 47 lbs for 2-high configurations or 50 lbs for 3-high configurations to determine shipping weight. 4. An input neutral is required for all configurations unless the input isolation transformer is used. 5. For parallel systems, change CTO digit #5 to a "2" and add \$300 to the list price and include Parallel Tie Cabinet.

## 9355 OPTIONS

Model	Part Number	Description	Input/Output Voltage	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PW9355 10-15 kVA 2-High Line & Match Extended Battery Module	103004192-5501	64 Batteries	NA	32.2 x 12.0 x 30.2	480	\$5,122
PW9355 10-15 kVA 3-High Line & Match Extended Battery Module	103004193-5501	96 Batteries	NA	47.8 x 12.0 x 30.2	710	\$7,306
PW9355 Wall Mount Parallel Tie Cabinet, 2-Breaker MBP (225A Bus, 200A Neutral, 1 225A MBP, & 4 80A MIS)	124100020-001	-	208V/208V	36.0 x 20.0 x 5.75	68 <sup>1</sup>	\$1,663
PW9355 Remote EPO Switch	103002939	Wall-mounted	-	-	-	\$279
PW9355 10-15 kVA Seismic Mounting Kit	103004194-5501	Zone 4 Kit	-	-	-	\$1,871
Remote Monitor Panel requires Industrial Relay X-Slot Card part		See section for Connectivity Options & Pricing				
CAN Bridge Parallel Card	103004336	-	-	-	-	\$519
PW9355 Spare Parts Kit	106711169	-	-	-	-	\$8,240
Upgrade 9355 10 kVA to 9355 15 kVA	103004657	-	-	-	-	\$3,263
Upgrade a standard UPS to a parallel UPS module <sup>2</sup>	UP08N-PAR1	-	-	-	-	\$900

1. This is a net weight; please add 40 lb for the shipping weight of the panels and 50 lb for panels with panelboard provisions. 2. Eaton startup is required for factory warranty of parallel configuration.

## EATON 9355 UPS (continued)

### 9355 BYPASS PANELS

Model	Part Number	Power Rating	Input/Output Voltage	Dimensions (H x W x D, inches)	Weight (lb) <sup>1</sup>	List Price
PW9355 15 kVA 3-breaker Maintenance Bypass Panel (100A Bus, 200A Neutral, & 60A MBP, MIB, MIS)	124100027-001	NA	208V/208V	48.0 x 20.0 x 5.8	120	\$3,588
PW9355 15 kVA 3-breaker Maintenance Bypass Panel with integral 120 KA TVSS (100A Bus, 200A Neutral, & 60A MBP, MIB, MIS)	124100027-002	NA	208V/208V	60.0 x 20.0 x 5.8	120	\$6,810
PW9355 15 kVA 3-breaker Maintenance Bypass Panel with 36-Pole Distribution Provisions (Cutler-Hammer GHB 65 kAIC standard, GBHW 22 kAIC, & BAB 10 kAIC ONLY—please specify breaker or rating preference prior to ordering)	124100027-003	NA	208V/208V	72.0 x 20.0 x 5.8	210	\$4,004
PW9355 15 kVA 3-breaker Maintenance Bypass Panel with 36-Pole Distribution Provisions & Integrated TVSS (Cutler-Hammer GHB 65 kAIC standard, GBHW 22 kAIC, & BAB 10 kAIC ONLY—please specify breaker or rating preference prior to ordering)	124100027-004	NA	208V/208V	90.0 x 20.0 x 5.8	225	\$7,384

1. This is a net weight; please add 40 lb for the shipping weight of the panels and 50 lb for panels with panelboard provisions.

### SURGE PROTECTION

See the surge protection product section for more details.

### OUTPUT RECEPTACLES

Receptacle Codes	(Qty) NEMA Type	Enter "Receptacle Code" into CTO Digits #	Price Adder for EACH Receptacle Code Chosen
2	(1) L15-30R	9, 10 or 11 only	\$220
3	(1) L21-20R	9, 10 or 11 only	\$220
4	(1) L21-30R	9, 10 or 11 only	\$220
A	(2) 5-15R	9,10,11,12	\$220
B	(2) 5-20R UL	9,10,11,12	\$220
D	(2) 6-15R	9,10,11,12	\$220
E	(2) 6-20R	9,10,11,12	\$220
F	(2) L5-15R	9,10,11,12	\$220
G	(1) L5-20R*	9,10,11,12	\$220
H	(1) L5-30R*	9,10,11,12	\$220
I	(2) L6-15R	9,10,11,12	\$220
J	(1) L6-20R*	9,10,11,12	\$220
K	(1) L6-30R*	9,10,11,12	\$220
L	(1) L14-20R*	9,10,11,12	\$220
M	(1) L14-30R*	9,10,11,12	\$220
X	Blank Panel	9,10,11,12	\$20
N	(2) IEC 320 C13 (120V)	9,10,11,12	\$220
P	(2) IEC 320 C19 (120V)	9,10,11,12	\$220

Note: Arrange receptacle codes in numerical-alphabetical order in digits 9 through 12 of the CTO number

Example 1: a PDM with an L21-20, an L14-30, and Qty 2 IEC320-C19 would have digits 9 through 12 of the CTO arranged as "3MPP"

Example 2: a PDM with a 5-15R, and an L6-30, and an L14-30 would have digits 9 through 12 of the CTO arranged as "AKMX"

The combined quantities of LOCKING receptacles (denoted by \*) must not exceed 4 per unit.

Please be sure to utilize the "X" designation for any of the 4 total slots not populated.

### BUILT-IN CONNECTIVITY OPTIONS

Description	Value for CTO Digit 8	Part Number (if ordered separately)	List Price
NONE (No Pre-installed X-Slot card)	0	-	\$0
ConnectUPS Web/SNMP Card	3	116750221-001	\$335
Modbus Card	4	103002510-5501	\$661
Relay Card (AS/400 compatible)	5	1018460	\$146
Industrial Relay Card	6	103003055	\$335

Note: You can have up to two optional connectivity cards installed.



## EATON 9355 UPS (continued)

### 9355 SERVICE PLANS (10-15 kVA)

#### PowerTrust Service Plans (on-site 7x24 with 8-hour response, annual PMs for UPS and 1 EBM)

Service Plan Part Number	List Price
PT82CEDX-9355-10-15	\$2,520

#### PowerTrust Value Service Plans (on-site 5x8 with next business day response, 1 annual UPS PM)

Service Plan Part Number	List Price
PVN3CEXX-9355-10-15	\$1,889

#### Extended Battery Module (EBM) Replacement Coverage

Extended Battery Module 64		Extended Battery Module 96	
Part Number (64 Jars of HR34)	List Price	Part Number (96 Jars of HR34)	List Price
FB07CXXX-9355-E64	\$762	FB07CXXX-9355-E96	\$1,046

EBM Replacement Coverage requires purchase of a EBM Battery PM per year (not included in above price).

#### Startup and Preventive Maintenance Service

Description	Part Number	List Price
Startup 5x8	SU06CXXX-9355-10-15	\$1,100
Startup 7x24	SU05CXXX-9355-10-15	\$1,350
UPS PM 5x8	0006CXXX-9355-10-15	\$900
UPS PM 7x24	0005CXXX-9355-10-15	\$1,100
EBM 64 or 96 Battery PM for 1 to 4 EBMs per UPS	0005CSXX-9355-EBC	\$895
2 Year Battery Labor Coverage adder (per EBM)	BL07CAXX-9355-10-15	\$300

Startup is purchased separately. Call 800-843-9433 for additional services or response time availability. Adders apply for remote locations.

Additional information about service plan features can be found in the Three-phase Service Plans Overview section of this reference guide.

### 9355 UPGRADE KITS

Description	Part Number	List Price
9355 10-15 Parallel Upgrade Kit (covers procedure for 2 UPS modules) 7x24	103004948-7X24	\$1,804
9355 10-15 Parallel Upgrade Kit (covers procedure for one module) 7x24	103004656-7X24	\$990
9355 KVA Field Upgrade 10 to 15 - 7x24	103004657-7X24	\$3,589

### 9355 SERVICE PARTS

Description	Part Number	List Price
9355 10-15 A Spares Kit	106711169	\$8,240
9355 10-15 B Spares Kit	106711181	\$6,120
9355 10-15 C Spares Kit	106711183	\$1,815

Spare part kit ordering instructions: "A" kits are 80% of parts, "B" kits are 60% of parts, "C" are consumables or 40% of parts.

# EATON 9355 UPS (continued)

## 9355 BATTERY BACKUP TIMES (in minutes) @ 0.9 POWER FACTOR

Load (VA/Watts)	UPS + Internal					UPS + Internal				
	32 Battery	+1 EBM 64	+2 EBMs 64	+3 EBMs 64	+4 EBMs 64	64 Battery	+1 EBM 96	+2 EBMs 96	+3 EBMs 96	
15000/13500	4.6	23.0	43.0	65.1	88.6	13.3	43.0	76.7	113.0	
14500/13050	4.9	24.1	45.2	68.3	93.0	14.1	45.2	80.5	119.0	
14000/12600	5.2	25.2	47.3	71.5	97.4	14.9	47.3	84.2	125.0	
13500/12150	5.5	26.4	49.4	74.7	102.0	15.8	49.4	88.1	130.0	
13000/11700	5.8	27.6	51.6	78.1	106.0	16.7	51.6	92.0	136.0	
12500/11250	6.1	28.8	54.0	81.6	111.0	17.6	54.0	96.2	142.0	
12000/10800	6.5	30.2	56.5	85.5	116.0	18.6	56.5	101.0	149.0	
11500/10350	6.9	31.6	59.3	89.7	122.0	19.2	59.3	106.0	156.0	
11000/9900	7.3	33.3	62.4	94.4	129.0	20.2	62.4	111.0	164.0	
10500/9450	7.8	35.1	65.9	99.6	136.0	21.4	65.9	117.0	174.0	
10000/9000	8.4	37.2	69.8	106.0	144.0	22.6	69.8	124.0	184.0	
9500/8550	9.1	39.6	74.2	112.0	153.0	24.1	74.2	132.0	196.0	
9000/8100	9.9	42.3	79.4	120.0	163.0	25.7	79.4	141.0	209.0	
8500/7650	10.8	45.5	85.2	129.0	175.0	27.6	85.2	152.0	225.0	
8000/7200	11.9	49.1	91.9	139.0	189.0	29.8	91.9	164.0	242.0	
7500/6750	13.1	53.2	99.7	151.0	205.0	32.3	99.7	178.0	263.0	
7000/6300	14.6	58.0	109.0	164.0	224.0	35.2	109.0	194.0	286.0	
6500/5850	16.3	63.5	119.0	180.0	245.0	38.6	119.0	212.0	314.0	
6000/5400	18.4	70.0	131.0	198.0	270.0	42.5	131.0	234.0	346.0	
5500/4950	20.1	77.6	145.0	220.0	300.0	47.2	145.0	259.0	383.0	
5000/4500	22.4	86.6	162.0	245.0	334.0	52.6	162.0	289.0	428.0	
4500/4050	25.2	97.4	182.0	276.0	376.0	59.2	182.0	325.0	-	
4000/3600	28.6	110.0	207.0	313.0	426.0	67.1	207.0	369.0	-	
3500/3150	32.8	127.0	238.0	359.0	-	77.0	238.0	423.0	-	
3000/2700	38.3	148.0	277.0	418.0	-	89.7	277.0	-	-	
2500/2250	45.6	176.0	329.0	-	-	107.0	329.0	-	-	

Note: Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

# EATON 9355 UPS (continued)

## 9355 (20–30 KVA) MODELS

### 20 kVA (18 kW)

Model <sup>2</sup>	Part Number	Input/Output Voltage	Base Runtime	Dimensions (H x W x D, inches) <sup>3</sup>	Weight (lb) <sup>3</sup>	Option Cabinet(s)	List Price
PW9355 20 kVA with Internal Batteries	KB2013100000010	208/208	18 min	66.0 x 20.0 x 34.1	1160		\$21,190
PW9355 20 kVA Single Feed with Options Cabinet & Internal Batteries, including Isolation Transformer	KB2013100000010	208/208	18 min	66.0 x 40.0 x 34.1	1695	KBT001100000010*	\$26,390
PW9355 20 kVA with Internal Batteries & Dual Feed Isolation Transformer (2 Opt Cabs)	KB2013100000010	208/208	18 min	66.0 x 60.0 x 34.1	2230	KBT001100000010* KBT002100000010	\$31,590
PW9355 20 kVA with Internal Batteries	KB2013200000010	220/220 <sup>2</sup>	18 min	66.0 x 20.0 x 34.1	1160		\$21,190
PW9355 20 kVA with Internal Batteries & Single Feed Options Cabinet	KB2013100000010	480/208	18 min	66.0 x 40.0 x 34.1	1695	KBT001200000010*	\$26,390
PW9355 20 kVA Dual Feed with Options Cabinets & Internal Batteries (2 Opt Cabs)	KB2013100000010	480/208	18 min	66.0 x 60.0 x 34.1	2230	KBT002200000010 KBT001200000010*	\$31,590
PW9355 20 kVA Single Feed with Options Cabinets & Internal Batteries	KB2013100000010	600/208	18 min	66.0 x 40.0 x 34.1	1695	KBT001300000010	\$26,390
PW9355 20 kVA Dual Feed with Options Cabinets & Internal Batteries	KB2013100000010	600/208	18 min	66.0 x 60.0 x 34.1	2230	KBT001300000010* KBT002300000010	\$31,590
PW9355 20 kVA Single Feed with Options Cabinets & Internal Batteries (2 Opt Cabs)	KB2013100000010	480/480	18 min	66.0 x 60.0 x 34.1	2230	KBT001200000010* KBT003200000010	\$31,590

\* contains MBP Rotary Style

### 30 kVA (27 kW)

Model	UPS Part (CTO) Number	Input/Output Voltage	Base Runtime	Dimensions (H x W x D, inches) <sup>3</sup>	Weight (lb) <sup>3</sup>	Option Cabinet(s)	List Price
PW9355 30 kVA with Internal Batteries	KB3013100000010	208/208	11 min	66.0 x 20.0 x 34.1	1160		\$22,911
PW9355 30 kVA Single Feed with Options Cabinet & Internal Batteries, including Isolation	KB3013100000010	208/208	11 min	66.0 x 40.0 x 34.1	1695	KBT001100000010*	\$28,111
PW9355 30 kVA with Internal Batteries & Dual Feed Isolation Transformer (2 Options Cabinets)	KB3013100000010	208/208	11 min	66.0 x 60.0 x 34.1	2230	KBT001100000010* KBT002100000010	\$33,311
PW9355 30 kVA with Internal Batteries	KB3013200000010	220/220 <sup>2</sup>	11 min	66.0 x 20.0 x 34.1	1160		\$22,911
PW9355 30 kVA with Internal Batteries & Single Feed Options Cabinet	KB3013100000010	480/208	11 min	66.0 x 40.0 x 34.1	1695	KBT001200000010*	\$28,111
PW9355 30 kVA Dual Feed with Options Cabinets & Internal Batteries (2 Opts Cabinets)	KB3013100000010	480/208	11 min	66.0 x 60.0 x 34.1	2230	KBT001200000010* KBT002200000010	\$33,311
PW9355 30 kVA Single Feed with Options Cabinet & Internal Batteries	KB3013100000010	600/208	11 min	66.0 x 40.0 x 34.1	1695	KBT001300000010	\$28,111

## EATON 9355 UPS (continued)

### 9355 (20–30 KVA) MODELS (continued)

#### 30 kVA (27 kW)

Model	UPS Part (CTO) Number	Input/Output Voltage	Base Runtime	Dimensions (H x W x D, inches) <sup>3</sup>	Weight (lb) <sup>3</sup>	Option Cabinet(s)	List Price
PW9355 30 kVA Dual Feed with Options Cabinet & Internal Batteries (2 Opts Cabinets)	KB3013100000010	600/208	11 min	66.0 x 60.0 x 34.1	223	KBT001300000010* KBT002300000010	\$33,311
PW9355 30 kVA Single Feed with Options Cabinets & Internal Batteries (2 Opts Cabinets)	KB3013100000010	480/480	11 min	66.0 x 60.0 x 34.1	2230	KBT001200000010* KBT003200000010	\$33,311

1. 50/60 Hz auto-sensing.

2. 220V units are wye connected 220/127V input and 220/127V output, three-phase, 4-wire plus ground.

3. Add 47 lb for 2-high configurations or 50 lbs for 3-high configurations to determine shipping weight.

4. An input neutral is required for all configurations unless the input isolation transformer is used.

5. For parallel systems, change CTO digit #5 to a "2" and add \$500 to the list price and include Parallel Tie Cabinet.

\* contains MBP Rotary Style

### 9355 OPTIONS

Model	Part Number	Rating	Input/Output Voltage	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PW9355 20 & 30 kVA 2 String Line & Match Extended Battery Cabinet	103005183	36	-	66.0 x 20.0 x 34.1	1105.0	\$7,359
PW9355 20 & 30 kVA 4 String Line & Match Extended Battery Cabinet	103004868	72	-	66.0 x 20.0 x 34.1	2060.0	\$11,231
Option Cabinet, Containing Maintenance Bypass, with No Transformer	KBT000000000010	-	208/208	67.0 x 20.0 x 34.1	205.0	\$2,391
PW9355 Wall-mount Parallel Tie Cabinet 2-Breaker MBP (400A Bus, 200A Neutral, 1 350A MBP, & 4 110A MIS)	124100026-001	-	208/208	48.0 x 20.0 x 5.8	150.0 <sup>1</sup>	\$3,015
Remote EPO Switch	103002939	Wall-mounted	-	-	-	\$279
Zone 4 Seismic Kit (UPS Cabinet only)	103004896	Zone 4 Kit	-	-	-	\$520
Remote Monitor Panel requires Industrial Relay X-Slot Card part			See section for Connectivity Options & Pricing			
CAN Bridge Parallel Card	103004336	-	-	-	-	\$519
UPS Optional Output Breaker (125A, Change Digit #5 in CTO number to "3" for RT systems, or "4" for parallel units)						\$250

1. This is a net weight; please add 40 lb for the shipping weight of the panels and 50 lb for panels with panelboard provisions.

Notes: Up to 3 EBMs can be added to each UPS for extended runtime. To find items and pricing for spare parts, kVA upgrades and parallel upgrades, please refer to the 9355 services page.

### 9355 BYPASS PANELS

Model	Part Number	Input/Output Voltage	Dimensions (H x W x D, inches)	Weight (lb) <sup>1</sup>	List Price
PW9355 20 & 30 kVA 3-Breaker Maintenance Bypass Panel (225A Bus, 200A Neutral, & 125A MBP, 110A MIB, 110A MIS)	124100028-001	208/208	48.0 x 20.0 x 5.8	120	\$3,900
PW9355 20 & 30 kVA 3-Breaker Maintenance Bypass Panel with integral 120 KA TVSS (100A Bus, 200A Neutral, & 60A MBP, MIB, MIS)	124100028-002	208/208	60.0 x 20.0 x 5.8	120	\$7,405
PW9355 20 & 30kVA 3-Breaker Maintenance Bypass Panel with 36-pole Distribution Provisions (Cutler-Hammer GHB 65 kAIC standard, GBHW 22 kAIC, & BAB 10 kAIC ONLY—please specify breaker or rating preference prior to ordering)	124100028-003	208/208	72.0 x 20.0 x 5.8	210	\$4,498
PW9355 20 & 30 kVA 3-Breaker Maintenance Bypass Panel with 36-pole Distribution Provisions & Integrated TVSS (Cutler-Hammer GHB 65 kAIC standard, GBHW 22 kAIC, & BAB 10 kAIC ONLY—please specify breaker or rating preference prior to ordering)	124100028-004	208/208	90.0 x 20.0 x 5.8	225	\$7,748

1. This is a net weight; please add 40 lb for the shipping weight of the panels and 50 lb for panels with panelboard provisions.

Note: Please specify preference for breakers.

## EATON 9355 UPS (continued)

### 9355 BUILT-IN CONNECTIVITY OPTIONS

#### Available X-Slot card options

Description	Value for CTO Digit 8	Part Number (if ordered separately)	List Price
NONE (No pre-installed X-Slot card)	0	—	\$0
ConnectUPS-X Web/SNMP/xHub Card	3	116750221-001	\$335
Modem Card	7	05146288-5501	\$530
Modbus Card	4	103002510-5501	\$661
Relay Card (AS/400 compatible)	5	1018460	\$146
Industrial Relay Card	6	103003055	\$335

Note: UPS has two X-Slots, one of which can be populated or factory installed, with the second X-Slot accessory supplied separately.

### 9355 SERVICE PLANS (20-30 kVA)

#### PowerTrust Service Plans (on-site 7x24 with 8-hour response, annual PMs for UPS and 1 EBM)

Service Plan Part Number	List Price
PT82CEDX-9355-20-30	\$4,879

#### PowerTrust Value Service Plans (on-site 5x8 with next business day response, 1 annual UPS PM)

Service Plan Part Number	List Price
PVN3CEXX-9355-20-30	\$3,593

#### Extended Battery Module (EBM) Replacement Coverage

Extended Battery Module 36 Part Number (36 Jars of HR120)	List Price	Extended Battery Module 72 Part Number (72 Jars of HR3120)	List Price
FB07CXXX-9355-E36	\$1,800	FB07CXXX-9355-E72	\$3,240

EBM Replacement Coverage requires purchase of a EBM Battery PM per year (not included in above price).

#### Startup and Preventive Maintenance Service

Description	Part Number	List Price
Startup 5x8	SU06CXXX-9355-20-30	\$1,350
Startup 7x24 (first unit)	SU05CXXX-9355-20-30	\$1,600
UPS PM 5x8	0006CXXX-9355-20-30	\$1,100
UPS PM 7x24	0005CXXX-9355-20-30	\$1,200
EBM Battery PM per EBM 36	0005CSXX-9355-E36	\$720
EBM Battery PM per EBM 72	BL07CSXX-9355-E72	\$1,296
3 Year Battery Labor Coverage adder (per EBM)	BL07CBXX-9355-20-30	\$675

Startup is purchased separately. Call 800-843-9433 for additional services or response time availability. Adders apply for remote locations.

Additional information about service plan features can be found in the Three-phase Service Plans Overview section of this reference guide.

# EATON 9355 UPS (continued)

## 9355 UPGRADE KITS

Description	Part Number	List Price
9355-20-30 Parallel Upgrade Kit (covers procedure for 2 UPS modules) 7x24	103005160-7X24	\$1,914
9355-20-30 Parallel Upgrade Kit (covers procedure for one module) 7x24	103004336-7X24	\$990
9355 kVA Field Upgrade 20 to 30 - 7x24	103004901-7X24	\$4,840

## 9355 SERVICE PARTS

Description	Part Number	List Price
9355-20-30 A Spares Kit	106711170	\$8,680
9355-20-30 B Spares Kit	106711182	\$6,595
9355-20-30 C Spares Kit	106711184	\$2,271

Spare part kit ordering instructions: "A" kits are 80% of parts, "B" kits are 60% of parts, "C" kits are consumables or 40% of parts.

## 9355 BATTERY BACKUP TIMES (in minutes)

Load (VA/Watts)	UPS w/Internal Battery	Internal Battery +EBC 36	Internal Battery +EBC 72	Internal Battery +2 EBC 72	Internal Battery +3 EBC 72
30000/27000	11	31	56	89	108
29000/26100	11	33	58	90	109
28000/25200	12	35	60	93	111
27000/24300	12	38	62	95	114
26000/23400	13	40	65	98	118
25000/22500	14	43	68	101	124
24000/21600	14	46	71	103	129
23000/20700	15	48	74	106	134
22000/19800	16	51	76	109	144
21000/18900	17	53	79	111	152
20000/18000	18	56	82	114	160
19000/17100	19	58	85	117	175
18000/16200	20	62	88	120	189
17000/15300	22	66	92	130	204
16000/14400	24	71	96	142	219
15000/13500	26	75	101	154	234
14000/12600	28	79	105	166	249
13000/11700	31	84	110	178	265
12000/10800	35	88	114	201	280
11000/9900	38	94	119	226	319
10000/9000	42	101	134	251	355
7500/6750	58	117	188	347	471
5000/4500	90	188	294	543	610

Note: Battery backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

# EATON 9390IT UPS

## Double-conversion (40 kVA)

- All-in-one, space efficient, completely integrated system with internal batteries and distribution delivers optimal end-of-row data center solution
- Double-conversion topology protects equipment from all of the most common power problems
- Industry leading power density, providing up to 23 percent more power capacity in a compact all-in-one tower with internal batteries
- **Industry's smallest footprint at 40 kVA, providing up to a 61 percent footprint reduction**
- Scalable 40 kVA modular building block, allowing for cost-effective expansion to 80 kVA with an on-board tie cabinet and 160 kVA with a four-module tie cabinet
- Up to 40 percent more STANDARD runtime, eliminating the need for external battery cabinets
- On-board pre-wired maintenance bypass and integrated distribution cabinets provide greater redundancy and reduce installation and maintenance costs
- Reduced footprint extended run modules for longer runtime applications
- Inherently 208 or 480 Vac-capable with no transformers
- Patented Powerware Hot Sync® paralleling technology enables paralleling of up to four 9390 UPSs for additional capacity or redundancy
- Power management software suite includes applications for remote UPS monitoring, management and shutdown to help insure system and data integrity
- Factory startup (5x8) included standard on all models; one-year parts warranty, 90-day labor warranty from startup date; two-year battery warranty on internal batteries



## 9390IT (40 kVA) BASE MODELS

Part Number	Description	Rating (kVA/kW)	Input/Output Voltage	Base Run-time (min)	Dimensions (H x W x D, inches)	Weight (lb)	List Price
TA0411001150010	9390IT 40 kVA UPS with internal batteries	40 kVA/36 kW	208/208	8	73.7 x 27.9 x 31.0	1,445	\$38,540
TA0412001150010	9390IT 40 kVA UPS with internal batteries	40 kVA/36 kW	480/480	8	73.7 x 27.9 x 31.0	1,445	\$35,550
TA0411001180010	9390IT 40 kVA extended-run UPS module (no internal batteries)	40 kVA/36 kW	208/208	0	73.7 x 18.9 x 31.6	590	\$35,152
TA0412001180010	9390IT 40 kVA extended-run UPS module (no internal batteries)	40 kVA/36 kW	480/480	0	73.7 x 18.9 x 31.6	540	\$33,280
TA0411001153010	9390IT 40 kVA UPS with internal batteries and integrated three-breaker maintenance bypass sidecar (175A BIB, MBP, & MIS breakers)	40 kVA/36 kW	208/208	8	73.7 x 35.9 x 31.0	1,595	\$43,090
TA0412001153010	9390IT 40 kVA UPS with internal batteries and integrated three-breaker maintenance bypass sidecar (70A BIB, MBP, & MIS breakers)	40 kVA/36 kW	480/480	8	73.7 x 35.9 x 31.0	1,595	\$40,100
TA0411001183010	9390IT 40 kVA extended-run UPS module and integrated three-breaker maintenance bypass sidecar (175A BIB, MBP, & MIS breakers)	40 kVA/36 kW	208/208	0	73.7 x 26.9 x 31.6	740	\$39,702
TA0412001183010	9390IT 40 kVA extended-run UPS module and integrated three-breaker maintenance bypass sidecar (70A BIB, MBP, & MIS breakers)	40 kVA/36 kW	480/480	0	73.7 x 26.9 x 31.6	690	\$37,830
TA0411001159010	9390IT 40 kVA UPS with internal batteries and two-system parallel tie sidecar (with output system load breaker)	40 kVA/36 kW	208/208	8	73.7 x 35.9 x 31.0	1,595	\$43,090
TA0412001159010	9390IT 40 kVA UPS with internal batteries and two-system parallel tie sidecar (with output system load breaker)	40 kVA/36 kW	480/480	8	73.7 x 35.9 x 31.0	1,595	\$40,100
TA0411001189010	9390IT 40 kVA with internal batteries and two-system parallel tie sidecar (with output system load breaker and no internal batteries)	40 kVA/36 kW	208/208	0	73.7 x 26.9 x 31.6	740	\$39,702
TA0412001189010	9390IT 40 kVA with internal batteries and two-system parallel tie sidecar (with output system load breaker and no internal batteries)	40 kVA/36 kW	480/480	0	73.7 x 26.9 x 31.6	690	\$37,830

Order Notes

1. To order a parallel system, change digit 5 to a 2 and digit 7 or 8 (Can-Bridge Card) must also be 2.
2. On-board maintenance bypass side-car systems have 65 kAIC breakers @ 208 Vac and 35 kAIC breakers @ 480 Vac
3. For Load-sync Control, digit 15 must be a 2 and requires one wall-mounted control box for two systems—see miscellaneous parts
4. For runtimes exceeding 8 minutes, an extended Run-UPS BASE Module and battery cabinet is required

## EATON 9390IT UPS (continued)

### CONNECTIVITY OPTIONS

Description	CTO Part Number	List Price
HotSync CAN Bridge Card (required to obtain RS485 Port for RMP II/RIM II/SCM II)	103004336	\$530
ConnectUPS-X WEB/SNMP with EMP	116750221-001	\$528
ModBus Communication Card	103002510-5501	\$629
Standard Relay Card (<60 Vac rated, IBM AS/400 )	1018460	\$209
Industrial Relay Card (5A @ 250 Vac)	103003055	\$320
Modem Card (required for out-of-band monitoring)	05146288-5501	\$530

### 9390IT OPTIONS

Part Number	Description	Rating	Input/Output Voltage	Base Run-time (min)	Dimensions (H x W x D, inches)	Weight (lb)	List Price
TS0403E20111100	Extended-run battery cabinet	240 Cell	480V Link	22	73.7 x 22.5 x 31.6	2,395	\$12,286
TL0403E33111100	Extended-run battery cabinet	240 Cell	480V Link	42	73.7 x 42.7 x 31.6	3,580	\$16,189
TL0403B47111100	Extended-run battery cabinet	240 Cell	480V Link	66	73.7 x 42.7 x 31.6	4,785	\$37,675
T04112000000001	IDC with MBS and main output breaker		208/208	-	73.7 x 35.8 x 31.6	350	\$6,521
T04112200000001	IDC with MBS, K-13 isolation transformer		208/208	-	73.7 x 35.8 x 31.6	1,350	\$9,431
T04152200000001	IDC with MBS, K-13 isolation transformer		480/208	-	73.7 x 35.8 x 31.6	1,350	\$9,691
T04112040000001	IDC with three-breaker MBS and 42-pole distribution panel		208/208	-	73.7 x 35.8 x 31.6	350	\$8,580
T04112044000001	IDC with three-breaker MBS and (2) 42-pole distribution panels		208/208	-	73.7 x 35.8 x 31.6	350	\$10,639
T04112041000001	IDC with three-breaker MBS, 42-pole distribution panel and (1) sub-feed breaker		208/208	-	73.7 x 35.8 x 31.6	350	\$9,484
TP0442111100010	Parallel tie maintenance bypass cabinet, (4) UPS modules 120 kVA N+1, 160 kVA capacity (150A MOB, 600A MIS, 600A MBP)		208/208	-	73.5 x 36.0 x 11.5	600	\$11,544
TP0442211100010	Parallel tie maintenance bypass cabinet, (4) UPS modules 120 kVA N+1, 160 kVA capacity (70A MOB, 250A MIS, 250A MBP)		480/480	-	57.0 x 24.0 x 11.5	600	\$5,408

#### Order Notes

- All weights are installed weight, add 65 lb to determine shipping weight
- Main breaker feeds input of isolation transformer
- All IDC cabinets listed above include three-breaker UPS wrap-around maintenance bypass switch
- 42-pole load centers are Cutler-Hammer series, type PRL1A; use type BAB or QBHW bolt-on breakers
- 40 kVA IDC uses 175A C-H type "JG" breakers at 208V and 70A C-H type "EG" breakers at 480V
- All breakers have adjustable trip settings; please refer to the Installation Manual for details
- For seismic zone 4 construction change digit 10 to 1
- All IDC Cabinets ship without side panels; if remote installation from UPS and battery are required, order all cabinets as remote install by changing
- All extended-run battery cabinets ship without side panels; if remote installation from UPS and battery are required, order all cabinets as remote
- Cabinets ordered remotely will include only one set of side panels and no interconnect (battery cabinet to UPS or battery cabinet to battery)

### NON-MATCHING MAINTENANCE BYPASS PANELS

Part Number	Description	Rating (amps)	Input/Output Voltage	Dimensions (H x W x D, inches)	Weight (lb)	List Price
M90BEA1XXX	Maintenance bypass, 208/208V, three-breaker 10 kAIC (225A MIS/MBP/BIB)	225	208/208	73.0 x 24.0 x 11.5	400	\$4,503
M90BFA1XXX	Maintenance bypass, 208/208V, three-breaker 35 kAIC (175A MIS/MBP/BIB)	175	208/208	73.0 x 24.0 x 11.5	400	\$4,295
M90BGA1XXX	Maintenance bypass, 208/208V, three-breaker 65 kAIC (175A MIS/MBP/BIB)	175	208/208	73.0 x 24.0 x 11.5	400	\$4,711
M90BEE1XXX	Maintenance bypass, 480/480V, three-breaker 10 kAIC (100A MIS/MBP/BIB)	100	480/480	73.0 x 24.0 x 11.5	400	\$3,359
M90BFE1XXX	Maintenance bypass, 480/480V, three-breaker 35 kAIC (70A MIS/MBP/BIB)	70	480/480	73.0 x 24.0 x 11.5	400	\$4,087
M90BGE1XXX	Maintenance bypass, 480/480V, three-breaker 65 kAIC (70A MIS/MBP/BIB)	70	480/480	73.0 x 24.0 x 11.5	400	\$4,503



# EATON 9390IT UPS (continued)

## MISCELLANEOUS PARTS

Part Number	Description	List Price
103006244	REPO switch, wall-mount <sup>1</sup>	\$426
103004223	Remote Monitor Panel "RMP II" <sup>2</sup>	\$1,113
103004221	Relay Interface Module "RIM II" <sup>2</sup>	\$1,092
103004222	Supervisory Contact Module "SCM II" <sup>2</sup>	\$1,206
103005868-5591	Power Xpert Gateway Communication Card - Series 2000	\$1,195
103004336	HotSync CAN Bridge Card, (used for paralleling units and/or RMP II/RIM II/SCM II interface) 3	\$530
103004179	9390 UPS/IDC seismic mounting kit 4	\$718
103001040	9390 output sync control box, 208 Vac	\$11,336
103001041	9390 output sync control box, 480 Vac	\$7,072
103003876	UPS/ battery cabinet/ IDC side panel kit	\$738
152601664	Battery cabinet to battery cabinet interconnect cables (IBC-S cabinet)	\$73
152601526	Battery cabinet to battery cabinet interconnect cables (IBC-L cabinet)	\$73

Notes

1. UPS EPO is selectable as N/O or N/C.
2. Requires HotSync CAN Bridge Card to interface with these devices (only one CAN card required for up to four remote devices). Each UPM requires one card for paralleling. Same card can be used for communication to RS485 devices (RMP II, RIM II, SCM II). Remote devices (RMP II, RIM II, SCM II) require protected 120V AC source hardwired to the device.
3. HotSync CAN Bridge Card for parallel operation requires Eaton Service Engineer to configure.
4. 40–80 kVA IDC Seismic kit cannot be installed in the field. Must be factory installed. Order via CTO.

## 9390IT SERVICE PLANS (40 kVA)

### PowerTrust Service Plans (on-site 7x24 with 8-hour response, annual PMs for UPS and one EBM)

Service Plan Part Number	List Price	Service Part Number for IDC	List Price
PT82CEDX-9390-20-40	\$4,992	PT82CEDX-9390-IDC	\$450

### PowerTrust Value Service Plans (on-site 5x8 with next business day response, one annual UPS PM)

Service Plan Part Number	List Price	Service Part Number for IDC	List Price
PVN3CEXX-9390-20-40	\$3,143	PVN3CEXX-9390-IDC	\$450

### Extended-run Battery Module (EBM) Replacement Coverage

Extended Battery Module 22 Minute Part Number (40 Jars E20)	List Price	Extended Battery Module 42 Minute Part Number (40 Jars E33)	List Price per EBM
FB07CXXX-9390-E20	\$2,487	FB07CXXX-9390-E33	\$2,798

### Extended Battery Module 66 Minute

Part Number (40 Jars of B47)	List Price
FB07CXXX-9390-B47	\$4,090

EBM Replacement Coverage requires purchase of a EBM Battery PM per year (not included in above price).

### Startup and Preventive Maintenance Service

Description	Part Number	List Price
Startup 5x8	SU06CXXX-9390-20-40	\$1,596
Startup 7x24	SU05CXXX-9390-20-40	\$2,100
Upgrade from 5x8 to 7x24 Startup	UP05CXXX-9390-20-40	\$504
UPS PM 5x8 (includes internal battery PM)	0006CXXX939040	\$1,200
UPS PM 7x24 (includes internal battery PM)	0005CXXX939040	\$1,300
EBM Battery PM per EBM	0005CSXX-9390-040	\$800
Three-year Battery Labor Coverage adder (per EBM)	BL07CBXX-9390-20-40	\$675

5x8 Startup is included; startup is portal to portal and adders apply for remote locations. Call 800-843-9433 for additional services or response time availability and remote site adder pricing quotes. Additional information about service plan features can be found in the Three-phase Service Plans Overview section of this reference guide.

# EATON 9390IT UPS (continued)

## 9390IT UPGRADE KITS

Description	Part Number	List Price
9390IT 40 Parallel Upgrade Kit (covers procedure for 2 UPS modules) 7x24	164700589 (2)-7X24	\$3,960
9390IT 40 Parallel Upgrade Kit (covers procedure for one module) 7x24	164700589 (1)-7X24	\$1,430

## 9390IT SPARE PARTS

Description	Part Number	List Price
9390IT 208 Vac A Spares Kit	106711150	\$19,670
9390IT 480 Vac A Spares Kit	106711151	\$18,110
9390IT 208 Vac B Spares Kit	106711164	\$11,703
9390IT 480 Vac B Spares Kit	106711165	\$10,799
9390IT 208 Vac C Spares Kit	106711194	\$755
9390IT 480 Vac C Spares Kit	106711196	\$509

Spare part kit ordering instructions: "A" kits are 80% of parts, "B" kits are 60% of parts, "C" kits are consumables or 40% of parts.

## 9390IT BATTERY BACKUP TIMES (in minutes)\*

Load (VA/Watts)	UPS w/Internal Battery
40,000 / 36,000	8.3
36,000 / 32,400	9.9
32,000 / 28,800	11.7
28,000 / 25,200	14.5
24,000 / 21,600	17.2
20,000 / 18,000	21.8
16,000 / 14,400	30.1
12,000 / 10,800	42.7
8,000 / 7,200	60.0
4,000 / 3,600	86.5

\* Battery backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

# POWER-SUPPRESS 100

## MGE Office Protection Systems family

### Ultra-isolator Noise Suppressor and Isolation Provider

The Power-Suppress™ 100 offers the following advanced features:

- Traps unwanted harmonics
- Removes surge voltages and minimizes reflected THD
- Eliminates load generated feedback
- Available in both hardwired or line cord/receptacle models
- Fast and easy installation
- Long life operation
- Small footprint—saves valuable space
- Meets FCC Category A
- UL 1012, cUL, UL 1449

### POWER-SUPPRESS 100: 125 to 7500 VA

Catalog Number	Style Number	Description	Input/Output Voltage	Dimensions (H x W x D, inches)	Weight (lb)	List Price
<b>Line-cord/receptacle models</b>						
T100R-0250	T100R-0250	PWR SUPPRESS T100 RCPT 250 VA	120V IN, 120V OUT	12.00 x 6.10 x 6.49	16	\$514
T100R-0500	T100R-0500	PWR SUPPRESS T100 RCPT 500 VA	120V IN, 120V OUT	12.00 x 6.10 x 6.49	22	\$550
T100R-0750	T100R-0750	PWR SUPPRESS T100 RCPT 750 VA	120V IN, 120V OUT	12.00 x 6.10 x 6.49	-	\$748
T100R-1000	T100R-1000	PWR SUPPRESS T100 RCPT 1000 VA	120V IN, 120V OUT	12.00 x 6.10 x 6.49	31	\$666
T100R-1800	T100R-1800	PWR SUPPRESS T100 RCPT 1800 VA	120V IN, 120V OUT	17.00 x 11.10 x 10.49	54	\$1,036
T100R-2400	T100R-2400	PWR SUPPRESS T100 RCPT 2400 VA	120V IN, 120V OUT	17.00 x 11.10 x 10.49	58	\$1,174
<b>Terminal style models</b>						
T100H-0125	T100H-0125	PWR SUPPRESS T100 HW 125 VA	120/240V IN, 120/240V OUT	12.00 x 6.10 x 6.42	16	\$350
T100H-0250	T100H-0250	PWR SUPPRESS T100 HW 250 VA	120/240V IN, 120/240V OUT	12.00 x 6.10 x 6.42	16	\$536
T100H-0500	T100H-0500	PWR SUPPRESS T100 HW 500 VA	120/240V IN, 120/240V OUT	12.00 x 6.10 x 6.42	22	\$576
T100H-0750	T100H-0750	PWR SUPPRESS T100 HW 750 VA	120/240V IN, 120/240V OUT	12.00 x 6.10 x 6.42	28	\$634
T100H-1000	T100H-1000	PWR SUPPRESS T100 HW 1000 VA	120/240V IN, 120/240V OUT	12.00 x 6.10 x 6.42	31	\$647
T100H-1800	T100H-1800	PWR SUPPRESS T100 HW 1800 VA	120/240V IN, 120/240V OUT	17.00 x 11.10 x 10.28	54	\$929
T100H-2500	T100H-2500	PWR SUPPRESS T100 HW 2500 VA	120/240V IN, 120/240V OUT	17.00 x 11.10 x 10.28	58	\$1148
T100H-5000	T100H-5000	PWR SUPPRESS T100 HW 5000 VA	120/240V IN, 120/240V OUT	7.00 x 11.10 x 10.28	86	\$1,672
T100H-5001*	T100H-5001	PWR SUPPRESS T100 HW V 5000 VA	240/480V IN, 120/240V OUT	17.00 x 11.10 x 10.28	-	\$2,022
T100H-7500	T100H-7500	PWR SUPPRESS T100 HW 7500 VA	120/240V IN, 120/240V OUT	17.00 x 11.10 x 10.28	116	\$2,029
T100H-7501*	T100H-7500	PWR SUPPRESS T100 HW 7500 VA	120/240V IN, 120/240V OUT	17.00 x 11.10 x 10.28	116	\$2,029

\* Please note the higher input voltage on these models

# POWER-SUPPRESS T7

## MGE Office Protection Systems family

The Power-Suppress T7 provides these features

- Traps unwanted harmonics
- 20,000,000:1 (146 dB) common-mode reduction
- Normal-mode noise reduction
- Transient suppression system with status indicators
- Exclusive shielding
- K-13 rated
- Over-temperature protection
- Clean, noise-free power output
- High efficiency
- Fast, easy installation
- UL and cUL listed requirements

### POWER-SUPPRESS T7: 15 to 225 kVA

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
T7H208-15K	97201-31	PWR SUPPRESS T7 208/208V 15 kVA	31 x 35 x 18	-	\$8,226
T7H208-30K	97203-31	PWR SUPPRESS T7 208/208V 30 kVA	31 x 35 x 18	-	\$8,386
T7H208-50K	97205-31	PWR SUPPRESS T7 208/208V 50 kVA	43 x 43 x 22	710	\$9,271
T7H208-75K	97207-31	PWR SUPPRESS T7 208/208V 75 kVA	43 x 43 x 22	950	\$10,871
T7H480-100K	97410-31	PWR SUPPRESS T7 480/208V 100 kVA	43 x 43 x 22	990	\$13,276
T7H480-125K	97412-31	PWR SUPPRESS T7 480/208V 125 kVA	43 x 43 x 22	-	\$15,359
T7H480-150K	97415-31	PWR SUPPRESS T7 480/208V 150 kVA	43 x 43 x 22	-	\$12,031
T7H480-15K	97401-31	PWR SUPPRESS T7 480/208V 15 kVA	35 x 31 x 18	420	\$8,919
T7H480-225K	97422-31	PWR SUPPRESS T7 480/208V 225 kVA	55 x 47 x 28	-	\$17,909
T7H480-30K	97403-31	PWR SUPPRESS T7 480/208V 30 kVA	35 x 31 x 18	490	\$8,819
T7H480-50K	97405-31	PWR SUPPRESS T7 480/208V 50 kVA	43 x 43 x 22	710	\$10,186
T7H480-75K	97407-31	PWR SUPPRESS T7 480/208V 75 kVA	43 x 43 x 22	810	\$10,381

# POWERSURE 700

## MGE Office Protection Systems family

The PowerSure™ 700 provides intelligent protection for transmitters & industrial controls.

- Fast microprocessor controlled voltage regulation
- Tight output voltage regulation
- Zero-current switching
- Wide input regulation range
- Triple shielded, computer grade transformer
- Highly efficient—97% typical
- High inrush capability
- Transient protection and high frequency filter
- Over/under voltage protection (optional)
- Includes input circuit breaker
- Manual bypass switch (optional)

Prefixes should be TBL, not TDN

### POWERSURE 700 POWER CONDITIONERS: 208/208V

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
TDN-010K-6	TDN-010K-6	PWRSURE 700 208/208V 10 kVA	36 x 36 x 27	440	\$13,053
TDN-015K-6	TDN-015K-6	PWRSURE 700 208/208V 15 kVA	36 x 36 x 27	520	\$14,126
TDN-025K-6	TDN-025K-6	PWRSURE 700 208/208V 25 kVA	50 x 36 x 27	700	\$20,526
TDN-030K-6	TDN-030K-6	PWRSURE 700 208/208V 30 kVA	50 x 36 x 27	720	\$17,640
TDN-045K-6	TDN-045K-6	PWRSURE 700 208/208V 45 kVA	50 x 42 x 52	950	\$21,988
TDN-050K-6	TDN-050K-6	PWRSURE 700 208/208V 50 kVA	50 x 42 x 52	970	\$26,941
TDN-075K-6	TDN-075K-6	PWRSURE 700 208/208V 75 kVA	50 x 42 x 52	1100	\$36,579
TDN-100K-6	TDN-100K-6	PWRSURE 700 208/208V 100 kVA	50 x 42 x 52	1660	\$41,114
TDN-125K-6	TDN-125K-6	PWRSURE 700 208/208V 125 kVA	50 x 42 x 52	1980	\$37,958
TDN-150K-6	TDN-150K-6	PWRSURE 700 208/208V 150 kVA	50 x 42 x 52	2200	\$55,031
TDN-225K-6	TDN-225K-6	PWRSURE 700 208/208V 225 kVA	83 x 52 x 68	3300	\$58,793
TDN-300K-6	TDN-300K-6	PWRSURE 700 208/208V 300 kVA	83 x 52 x 68	-	\$66,207

### POWERSURE 700 POWER CONDITIONERS: 240/208V

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
TCL-010K-6	TCL-010K-6	PWRSURE 700 240/208V 10 kVA	36 x 36 x 27	440	\$13,133
TCL-015K-6	TCL-015K-6	PWRSURE 700 240/208V 15 kVA	36 x 36 x 27	520	\$14,126
TCL-030K-6	TCL-030K-6	PWRSURE 700 240/208V 30 kVA	50 x 36 x 27	720	\$17,105
TCL-045K-6	TCL-045K-6	PWRSURE 700 240/208V 45 kVA	50 x 42 x 52	950	\$26,453
TCL-050K-6	TCL-050K-6	PWRSURE 700 240/208V 50 kVA	50 x 42 x 52	970	\$22,484
TCL-075K-6	TCL-075K-6	PWRSURE 700 240/208V 75 kVA	50 x 42 x 52	1100	\$27,388
TCL-100K-6	TCL-100K-6	PWRSURE 700 240/208V 100 kVA	50 x 42 x 52	1660	\$38,348

### POWERSURE 700 POWER CONDITIONERS: 480/208V

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
TDL-010K-6	TDL-010K-6	PWRSURE 700 480/208V 10 kVA	36 x 36 x 27	440	\$15,084
TDL-015K-6	TDL-015K-6	PWRSURE 700 480/208V 15 kVA	36 x 36 x 27	520	\$14,114
TDL-025K-6	TDL-025K-6	PWRSURE 700 480/208V 25 kVA	50 x 36 x 27	700	\$17,190
TDL-030K-6	TDL-030K-6	PWRSURE 700 480/208V 30 kVA	50 x 42 x 52	720	\$17,933
TDL-045K-6	TDL-045K-6	PWRSURE 700 480/208V 45 kVA	50 x 42 x 52	950	\$23,452
TDL-050K-6	TDL-050K-6	PWRSURE 700 480/208V 50 kVA	50 x 42 x 52	970	\$23,707
TDL-075K-6	TDL-075K-6	PWRSURE 700 480/208V 75 kVA	50 x 42 x 52	1100	\$35,341
TDL-100K-6	TDL-100K-6	PWRSURE 700 480/208V 100 kVA	50 x 42 x 52	1660	\$38,348
TDL-125K-6	TDL-125K-6	PWRSURE 700 480/208V 125 kVA	50 x 42 x 52	1980	\$37,958
TDL-225K-6	TDL-225K-6	PWRSURE 700 480/208V 225 kVA	83 x 52 x 68	3300	\$66,012
TDL-300K-6	TDL-300K-6	PWRSURE 700 480/208V 300 kVA	83 x 52 x 68	-	\$76,966

Prefixes should be TDN, not TBL

**POWERSURE 700** (continued)  
MGE Office Protection Systems family

**POWERSURE 700 POWER CONDITIONERS: 480/480V**

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
TBL-010K-6	TBL-010K-6	PWRSURE 700 480/480V 10 kVA	36 x 36 x 27	440	\$13,362
TBL-025K-6	TBL-025K-6	PWRSURE 700 480/480V 25 kVA	50 x 36 x 27	700	\$18,834
TBL-030K-6	TBL-030K-6	PWRSURE 700 480/480V 30 kVA	50 x 42 x 52	720	\$18,788
TBL-045K-6	TBL-045K-6	PWRSURE 700 480/480V 45 kVA	50 x 42 x 52	950	\$24,152
TBL-075K-6	TBL-075K-6	PWRSURE 700 480/480V 75 kVA	50 x 42 x 52	1100	\$27,388
TBL-100K-6	TBL-100K-6	PWRSURE 700 480/480V 100 kVA	50 x 42 x 52	1660	\$41,447
TBL-125K-6	TBL-125K-6	PWRSURE 700 480/480V 125 kVA	50 x 42 x 52	1980	\$38,410
TBL-150K-6	TBL-150K-6	PWRSURE 700 480/480V 150 kVA	50 x 42 x 52	2200	\$46,397
TBL-225K-6	TBL-225K-6	PWRSURE 700 480/480V 225 kVA	83 x 52 x 68	3300	\$64,816
TBL-300K-6	TBL-300K-6	PWRSURE 700 480/480V 300 kVA	83 x 52 x 68	-	\$83,595

**POWERSURE 700 POWER CONDITIONERS: 600/208V**

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
TEL-010K-6	TEL-010K-6	PWRSURE 700 600/208V 10 kVA	36 x 36 x 27	440	\$13,605
TEL-015K-6	TEL-015K-6	PWRSURE 700 600/208V 15 kVA	36 x 36 x 27	520	\$14,610
TEL-025K-6	TEL-025K-6	PWRSURE 700 600/208V 25 kVA	50 x 36 x 27	700	\$17,712
TEL-030K-6	TEL-030K-6	PWRSURE 700 600/208V 30 kVA	50 x 42 x 52	720	\$17,869
TEL-045K-6	TEL-045K-6	PWRSURE 700 600/208V 45 kVA	50 x 42 x 52	950	\$23,650
TEL-050K-6	TEL-050K-6	PWRSURE 700 600/208V 50 kVA	50 x 36 x 27	970	\$24,171
TEL-075K-6	TEL-075K-6	PWRSURE 700 600/208V 75 kVA	50 x 42 x 52	1100	\$41,224
TEL-100K-6	TEL-100K-6	PWRSURE 700 600/208V 100 kVA	50 x 42 x 52	1660	\$43,919
TEL-125K-6	TEL-125K-6	PWRSURE 700 600/208V 125 kVA	50 x 36 x 27	1980	\$39,776
TEL-150K-6	TEL-150K-6	PWRSURE 700 600/208V 150 kVA	50 x 42 x 52	2200	\$55,033
TEL-225K-6	TEL-225K-6	PWRSURE 700 600/208V 225 kVA	83 x 52 x 68	3300	\$70,421
TEL-300K-6	TEL-300K-6	PWRSURE 700 600/208V 300 kVA	83 x 52 x 68	-	\$83,497

**POWERSURE 700 POWER CONDITIONERS: 600/480V**

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
TEN-010K-6	TEN-010K-6	PWRSURE 700 600/480V 10 kVA	36 x 36 x 27	440	\$10,436
TEN-015K-6	TEN-015K-6	PWRSURE 700 600/480V 15 kVA	36 x 36 x 27	520	\$15,028
TEN-025K-6	TEN-025K-6	PWRSURE 700 600/480V 25 kVA	50 x 36 x 27	700	\$16,562
TEN-030K-6	TEN-030K-6	PWRSURE 700 600/480V 30 kVA	40 x 42 x 52	720	\$18,586
TEN-045K-6	TEN-045K-6	PWRSURE 700 600/480V 45 kVA	50 x 42 x 52	950	\$20,231
TEN-075K-6	TEN-075K-6	PWRSURE 700 600/480V 75 kVA	50 x 42 x 52	1100	\$33,991
TEN-100K-6	TEN-100K-6	PWRSURE 700 600/480V 100 kVA	50 x 42 x 52	1660	\$39,919
TEN-125K-6	TEN-125K-6	PWRSURE 700 600/480V 125 kVA	50 x 36 x 27	1980	\$41,091
TEN-150K-6	TEN-150K-6	PWRSURE 700 600/480V 150 kVA	50 x 42 x 52	2200	\$48,762
TEN-225K-6	TEN-225K-6	PWRSURE 700 600/480V 225 kVA	83 x 52 x 68	3300	\$70,421
TEN-300k-6	TEN-300k-6	PWRSURE 700 600/480V 300 kVA	83 x 52 x 68	-	\$79,957

**POWERSURE 700 - MANUAL MAINTENANCE BYPASS SWITCH**

Catalog Number	Style Number	Description	List Price
RBS2020	RBS2020	PWRSURE 700 ACC MAN BYP SW 10/15 kVA	\$643
RBS2021	RBS2021	PWRSURE 700 ACC MAN BYP SW 25/30 kVA	\$1,067
RBS2022	RBS2022	PWRSURE 700 ACC MAN BYP SW 45-125 kVA	\$1,738

**POWERSURE 700 OPTIONS**

Catalog Number	Style Number	Description	List Price
UOV2020	UOV2020	PWRSURE 700 ACC UND/OVR V SHUTDWN	\$541
REP2020	REP2020	PWRSURE 700 ACC RMTE EMG PWROFF	\$243
STC2020	STC2020	PWRSURE 700 ACC SHUNT TRIP	\$678

# POWERSURE 800

## MGE Office Protection Systems family

### Power Conditioners (1.4 to 25 kVA)

Superior power conditioning for industrial, commercial and medical equipment. PowerSure 800 power conditioners provide high quality power with inherent surge protection, noise and bi-directional harmonic filtering, as well as superior isolation. PowerSure 800 units range from office models to floor or wall/panel mounted industrial models and provide an excellent solution for any application with noisy or poor power quality.

- Superior isolation
- Tight voltage regulation
- High immunity to distortion
- Lightning and surge protection
- Protection against power interruptions
- Power factor correction
- Bi-directional harmonic filtering
- Meets ANSI standards for computers with inputs as low as 50% of nominal
- UL 1012, UL 544 and cUL Listed
- K-30 rated design

### POWERSURE 800 POWER CONDITIONERS – 60Hz Models–Receptacle Style (Plug-and-play)

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
T800R-00200	T800R-00200	PWRSURE 800 OFC/RCPT 200 VA	9.50 x 8.50 x 12.75	29	\$534
T800R-00250	T800R-00250	PWRSURE 800 OFC/RCPT 250 VA	24.00 x 14.00 x 20.00	-	\$872
T800R-00500	T800R-00500	PWRSURE 800 OFC/RCPT 500 VA	9.50 x 8.50 x 12.75	32	\$736
T800R-00700	T800R-00700	PWRSURE 800 OFC/RCPT 700 VA	24.00 x 14.00 x 20.00	-	\$1,090
T800R-00850	T800R-00850	PWRSURE 800 OFC/RCPT 800 VA	24.00 x 14.00 x 20.00	-	\$1,124
T800R-01000	T800R-01000	PWRSURE 800 OFC/RCPT 1 kVA	17.50 x 8.50 x 12.75	46	\$1,150
T800R-01600	T800R-01600	PWRSURE 800 OFC/RCPT 1.6 kVA	17.50 x 8.50 x 12.75	62	\$1,443
T800R-02100	T800R-02100	PWRSURE 800 OFC/RCPT 2.1 kVA	17.50 x 8.50 x 12.75	65	\$1,579
T800R-02500	T800R-02500	PWRSURE 800 OFC/RCPT 2.5 kVA	17.50 x 8.50 x 12.75	68	\$1,655
T800R-03500	T800R-03500	PWRSURE 800 OFC/RCPT 3.5 kVA	17.50 x 8.50 x 12.75	72	\$2,059
T800R-03501	T800R-03501	PWRSURE 800 OFC/RCPT 3.5 kVA 208V	17.50 x 8.50 x 12.75	73	\$2,178
T800R-05000	T800R-05000	PWRSURE 800 OFC/RCPT 5 kVA	29.00 x 25.00 x 34.00	-	\$3,122
T800R-07500	T800R-07500	PWRSURE 800 OFC/RCPT 7.5 kVA	29.00 x 25.00 x 34.00	-	\$3,734
T800R-10000	T800R-10000	PWRSURE 800 OFC/RCPT 10 kVA	29.00 x 25.00 x 34.00	-	\$5,252
T800R-15000	T800R-15000	PWRSURE 800 OFC/RCPT 15 kVA	29.00 x 25.00 x 34.00	-	\$6,326

### POWERSURE 800 POWER CONDITIONERS – 60 Hz Models–Hardwired Wall or Panel Mount

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
T800P-00140	T800P-00140	PWRSURE 800 PNL/HW 140 VA	8.00 x 8.50 x 10.50	29	\$502
T800P-00250	T800P-00250	PWRSURE 800 PNL/HW 250 VA	8.00 x 8.50 x 10.50	29	\$784
T800P-00500	T800P-00500	PWRSURE 800 PNL/HW 500 VA	10.00 x 9.00 x 14.00	52	\$924
T800P-00750	T800P-00750	PWRSURE 800 PNL/HW 750 VA	10.00 x 9.00 x 14.00	60	\$1,197
T800P-01000	T800P-01000	PWRSURE 800 PNL/HW 1 kVA	10.00 x 9.00 x 14.00	82	\$1,186
T800P-01500	T800P-01500	PWRSURE 800 PNL/HW 1.5 kVA	14.75 x 13.00 x 16.50	106	\$1,710
T800P-02000	T800P-02000	PWRSURE 800 PNL/HW 2 kVA	14.75 x 13.00 x 16.50	125	\$1,653
T800P-03000	T800P-03000	PWRSURE 800 PNL/HW 3 kVA	14.75 x 13.00 x 16.50	142	\$2,564
T800P-05000	T800P-05000	PWRSURE 800 PNL/HW 5 kVA	28.5 x 27.00 x 22.50	437	\$4,778
T800P-08000	T800P-08000	PWRSURE 800 PNL/HW 8 kVA	28.5 x 27.00 x 22.50	495	\$5,669
T800P-10000	T800P-10000	PWRSURE 800 PNL/HW 10 kVA	35.0 x 30.00 x 30.00	-	\$7,181

### POWERSURE 800 POWER CONDITIONERS – 60 Hz Models–Hardwired Floor Mount

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
T800F-05000	T800F-05000	PWRSURE 800 FLR/HW 5 kVA	28.50 x 23.00 x 20.00	407	\$5,160
T800F-08000	T800F-08000	PWRSURE 800 FLR/HW 8 kVA	28.50 x 23.00 x 20.00	465	\$5,879
T800F-10000	T800F-10000	PWRSURE 800 FLR/HW 10 kVA	28.50 x 23.00 x 20.00	407	\$6,595
T800F-15000	T800F-15000	PWRSURE 800 FLR/HW 15 kVA	39.50 x 35.00 x 25.00	830	\$9,876
T800F-20000	T800F-20000	PWRSURE 800 FLR/HW 20 kVA	46.00 x 35.00 x 45.00	-	\$12,407
T800F-25000	T800F-25000	PWRSURE 800 FLR/HW 25 kVA	46.00 x 35.00 x 45.00	-	\$14,166

# POWER XPERT 4000/6000/8000 METERS

## Power Quality Metering Products

You can't manage what you can't measure, and you certainly can't measure something you can't even see—without a power quality instrument that is. Invisible and fleeting power disturbances can be silent killers—the electronic equivalent of high blood pressure.

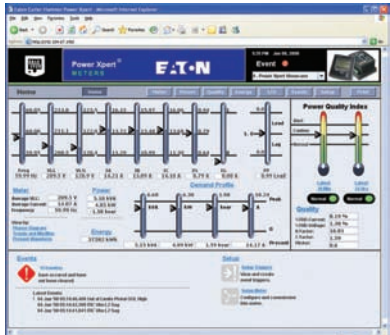
Eaton's Power Xpert 4000/6000/8000 meters represent a new genre of power quality instruments and world-class power monitoring that reduces day to day operating costs and helps avoid costly business interruptions. The meters combine state-of-the-art technology with next generation power diagnostics, data trending and performance benchmarking, along with a "Twist-n-Click" LCD: a new paradigm for simplicity and ease of use in the market place.



In addition the meters have an embedded Web server that enables users to surf to the meter over the Internet via a standard Web browser. The new platform offers advanced functionality like high speed impulsive transient waveform capture, 6 Mhz sampling rate (six samples every millionth of a second) with one millisecond time stamping, anti-aliasing, ITIC analysis and automatic trigger settings, open field upgradeable firmware, memory expandable to 1 GB and optional digital, relay I/O card.

### Features and Benefits

- Embedded Web server—see and analyze waveforms, trends, harmonics directly in your Web browser or LCD meter
- Automatic power quality analysis and trigger setting with built-in ITIC performance curve: detect and capture sags, swells, transients and flicker
- Accurately detect fast transients that previous generation monitors would miss, by assessing circuit activity at extremely high sampling rates (up to 100,000 samples per cycle)
- Comprehensive power, energy and demand measurements for 138 standard data points logged
  - Voltage, current: per phase minimum, maximum, average, trend graph analysis, export, print
  - Power: power factor, apparent, real, reactive, frequency
  - Energy, demand: forward, reverse, net, sum, TOU, profile, previous month comparison, graph analysis, export, print
- Up to one millisecond time synchronization and event logging capability for sequence of events analysis
- At-a-glance view of power quality analysis with patent pending Power Quality Index gauge, statistically derived trending and red-yellow-green indicators for overall power health
- Energy usage patterns can be effortlessly analyzed with the month-to-month, week-to-week comparison chart; raw data can be easily exported with the "Save Table" option to other applications such as Excel for further analysis or graphing (firmware v.12.x.x and higher only)
- View and understand the sequence of events that have occurred during a period of time; plot color coded events on captured waveforms to gain insight into the sequence of events from one single cycle to the next one—this provides the user an excellent vantage point to review and compare multiple events at an unprecedented resolution (firmware v.12.x.x and higher only)
- Optional 4000 to 6000 meter firmware upgrade available (firmware v.12.x.x and higher only)
- 7x24 support with continuous monitoring with a permanently installed meter
- Reduced cost of power quality monitoring
- Alarm notifications are also available remotely via e-mail
- Industry-standard communication protocols, to support a multitude of configurations and third-party software: HTTP, FTP, Modbus RTU, Modbus TCP, SNMP, SMTP, NTP, COMTRADE
- 1 GB data storage capability
- Supports Power Xpert Software and hardware components
- ANSI C12.20 accuracy
- CE and Industry Canada certified





## POWER XPERT 4000/6000/8000 METERS *(continued)*

### Power Quality Metering Products

#### Applications

##### Identify power quality problems

- Identify harmonics, sags, swells and transients damaging or disrupting sensitive, mission critical IT equipment
- Boost IT equipments service life to the maximum
- Analyze sequence of events up to one millisecond time resolution
- Protect motors from damage
- Preserve the integrity of processes and batches
- Prevent blown capacitor bank fuses
- Protect transformers and conductors from overheating

##### Monitor circuit loading

- Avoid overloads and nuisance overload trips
- Maximize equipment utilization
- Manage emergency overloads

##### Manage energy utilization

- Reduce peak demand charges and power factor penalties
- Identify excessive energy consumption

##### Detect and record high speed transients

- Avoid equipment damage and disruption
- Identify equipment malfunction

### POWER XPERT 4000/6000/8000 METERS

Catalog Number	Style Number	Description	List Price
<b>4000 Series</b>			
PX4051A5AA	65D4051G097	PX 4000 Meter, AC, no options	\$5,290
PX4051A5BA	65D4051G098	PX 4000 Meter, AC, w/ Com. Exp. Card	\$6,455
PX4051A5AB	65D4051G101	PX 4000 Meter, AC, w/ I/O Card	\$5,925
PX4051A5BB	65D4051G102	PX 4000 Meter, AC, w/ Com. Exp. & I/O Cards	\$7,090
PX4051A6AA	65D4051G193	PX 4000 Meter, AC w/ 1GB CF	\$5,819
PX4051A6BA	65D4051G194	PX 4000 Meter, AC w/ 1GB CF & Com. Exp. Card	\$6,984
PX4051A6AB	65D4051G197	PX 4000 Meter, AC w/ 1GB CF & I/O Card	\$6,454
PX4051A6BB	65D4051G198	PX 4000 Meter, AC w/ 1GB CF, Com. Exp. & I/O Cards	\$7,619
PX4251A5AA	65D4251G097	PX 4000 Meter, AC, w/ VAUX	\$6,140
PX4251A5BA	65D4251G098	PX 4000 Meter, AC, w/ VAUX & Com. Exp. Card	\$7,305
PX4251A5AB	65D4251G101	PX 4000 Meter, AC, w/ VAUX & I/O Card	\$6,775
PX4251A5BB	65D4251G102	PX 4000 Meter, AC, w/ VAUX, Com. Exp. & I/O Cards	\$7,940
PX4251A6AA	65D4251G193	PX 4000 Meter, AC w/ VAUX & 1GB CF	\$6,669
PX4251A6BA	65D4251G194	PX 4000 Meter, AC w/ VAUX, 1GB CF, Com. Exp. Card	\$7,834
PX4251A6AB	65D4251G197	PX 4000 Meter, AC w/ VAUX, 1GB CF & I/O Card	\$7,304
PX4251A6BB	65D4251G198	PX 4000 Meter, AC w/ VAUX, 1GB CF, Com. Exp. & I/O Cards	\$8,469
<b>6000 Series</b>			
PX6051A5AA	65D6051G097	PX 6000 Meter, AC, no options	\$7,410
PX6051A5BA	65D6051G098	PX 6000 Meter, AC, w/ Com. Exp. Card	\$8,575
PX6051A5AB	65D6051G101	PX 6000 Meter, AC, w/ I/O Card	\$8,045
PX6051A5BB	65D6051G102	PX 6000 Meter, AC, w/ Com. Exp. & I/O Cards	\$9,210
PX6051A6AA	65D6051G193	PX 6000 Meter, AC w/ 1GB CF	\$7,939
PX6051A6BA	65D6051G194	PX 6000 Meter, AC w/ 1GB CF & Com. Exp. Card	\$9,104
PX6051A6AB	65D6051G197	PX 6000 Meter, AC w/ 1GB CF & I/O Card	\$8,574
PX6051A6BB	65D6051G198	PX 6000 Meter, AC w/ 1GB CF, Com. Exp. & I/O Cards	\$9,739
PX6251A5AA	65D6251G097	PX 6000 Meter, AC, w/ VAUX	\$8,260
PX6251A5BA	65D6251G098	PX 6000 Meter, AC, w/ VAUX & Com. Exp. Card	\$9,425
PX6251A5AB	65D6251G101	PX 6000 Meter, AC, w/ VAUX & I/O Card	\$8,895
PX6251A5BB	65D6251G102	PX 6000 Meter, AC, w/ VAUX, Com. Exp. & I/O Cards	\$10,060
PX6251A6AA	65D6251G193	PX 6000 Meter, AC w/ VAUX & 1GB CF	\$8,789
PX6251A6BA	65D6251G194	PX 6000 Meter, AC w/ VAUX, 1GB CF, Com. Exp. Card	\$9,954
PX6251A6AB	65D6251G197	PX 6000 Meter, AC w/ VAUX, 1GB CF & I/O Card	\$9,424
PX6251A6BB	65D6251G198	PX 6000 Meter, AC w/ VAUX, 1GB CF, Com. Exp. & I/O Cards	\$10,589

**POWER XPERT 4000/6000/8000 METERS** *(continued)*

## Power Quality Metering Products

**POWER XPERT 4000/6000/8000 METERS** *(continued)*

Catalog Number	Style Number	Description	List Price
<b>8000 Series</b>			
PX8051A5AA	65D8051G097	PX 8000 Meter, AC, no options	\$9,530
PX8051A5BA	65D8051G098	PX 8000 Meter, AC, w/ Com. Exp. Card	\$10,695
PX8051A5AB	65D8051G101	PX 8000 Meter, AC, w/ I/O Card	\$10,165
PX8051A5BB	65D8051G102	PX 8000 Meter, AC, w/ Com. Exp. & I/O Cards	\$11,330
PX8051A6AA	65D8051G193	PX 8000 Meter, AC w/ 1GB CF	\$10,059
PX8051A6BA	65D8051G194	PX 8000 Meter, AC w/ 1GB CF & Com. Exp. Card	\$11,224
PX8051A6AB	65D8051G197	PX 8000 Meter, AC w/ 1GB CF & I/O Card	\$10,694
PX8051A6BB	65D8051G198	PX 8000 Meter, AC w/ 1GB CF, Com. Exp. & I/O Cards	\$11,859
PX8251A5AA	65D8251G097	PX 8000 Meter, AC, w/ VAUX	\$10,380
PX8251A5BA	65D8251G098	PX 8000 Meter, AC, w/ VAUX & Com. Exp. Card	\$11,545
PX8251A5AB	65D8251G101	PX 8000 Meter, AC, w/ VAUX & I/O Card	\$11,015
PX8251A5BB	65D8251G102	PX 8000 Meter, AC, w/ VAUX, Com. Exp. & I/O Cards	\$12,180
PX8251A6AA	65D8251G193	PX 8000 Meter, AC w/ VAUX & 1GB CF	\$10,909
PX8251A6BA	65D8251G194	PX 8000 Meter, AC w/ VAUX, 1GB CF, Com. Exp. Card	\$12,074
PX8251A6AB	65D8251G197	PX 8000 Meter, AC w/ VAUX, 1GB CF & I/O Card	\$11,544
PX8251A6BB	65D8251G198	PX 8000 Meter, AC w/ VAUX, 1GB CF, Com. Exp. & I/O Cards	\$12,709

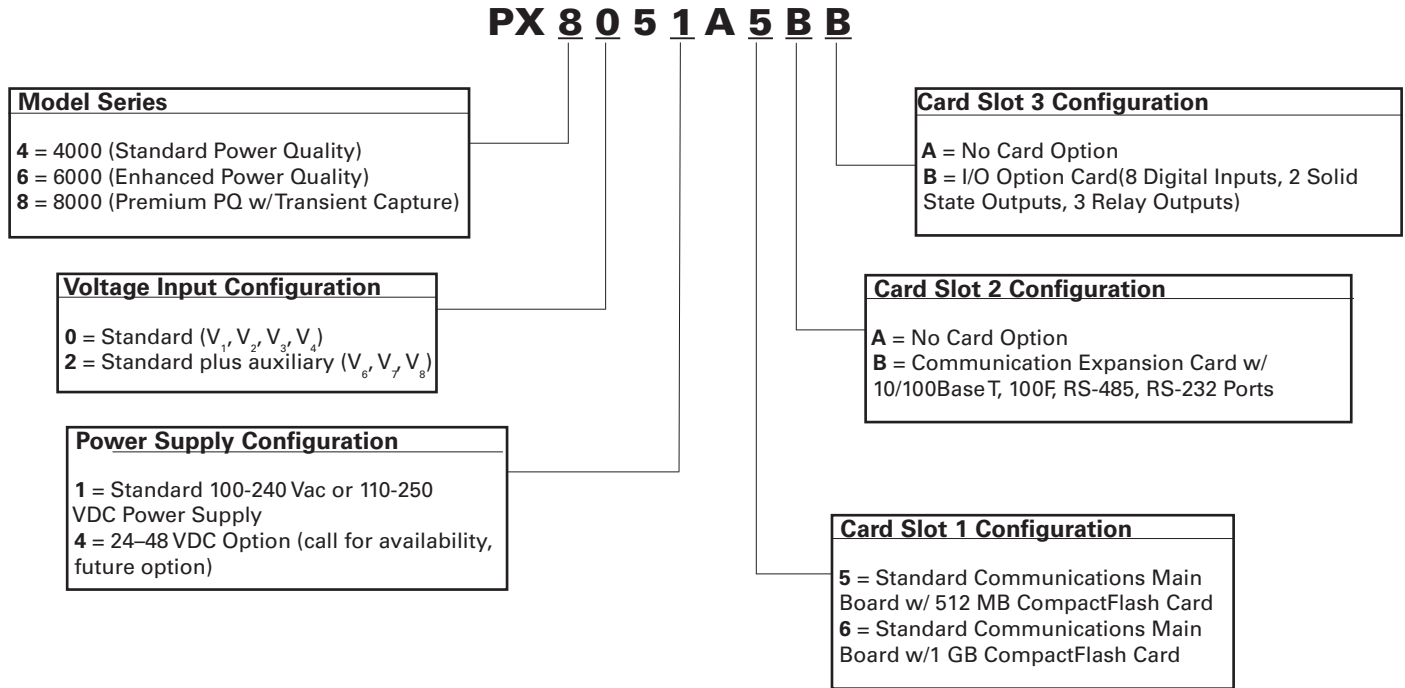
**POWER XPERT 4000/6000/8000 METERS ACCESSORIES**

Catalog Number	Style Number	Description	List Price
PX-1GBCF	66A2296G01	1GB Compact Flash Card	\$529
PX-PMBA	66B2133G01	PX Bracket Assembly for back-to-back meter to display mounting	\$211
PXIO-B	66D2101G11	I/O card: 8 Digital Input, 2 Solid State Output, 3 Relay Out	\$635
PXCE-B	66D2102G11	Com Expansion Card: Ethernet 100FX, 10/100T, RS-485, RS-232	\$1,165
PXD-MMG	66D2117G01	PX Meter Graphic Display Module	\$1,695
PX-PMBB	66D2148G01	Panel mnt bracket retrofit assembly for PXM LCD to an IQA cu	\$158
PX-PMBC	66D2150G01	Panel mnt bracket assembly for reduced PXM LCD Display rear	\$158

# POWER XPERT 4000/6000/8000 METERS *(continued)*

## Power Quality Metering Products

### Power Xpert 4000/6000/8000 Meter Catalog Numbering System



Example 1: **PX8251A5BB** (PX 8000 Meter, w/ VAUX, Std pwr, 512MB CF, Com. Exp. & I/O Cards)

Example 2: **PX6251A6BA** (PX 6000 Meter, w/ VAUX, Std pwr, 1GB CF, Com. Exp. Card)

## COMMUNICATIONS, SOFTWARE AND ACCESSORIES

### MGE Office Protection Systems family

#### COMMUNICATION CARDS

Catalog Number	Style Number	Description	List Price
<b>Mini-Slot cards (Evolution, Pulsar, Pulsar M, Pulsar MX)</b>			
OPCARD-NETWORK	66102	Network Management Card, 2006 Edition (SNMP/Web)–Mini-Slot	\$249
66103	66103	Modbus/Jbus and Network Management Card – Mini-Slot	\$335
OPCARD-CONTACT	66104	AS/400 Status Card, 2006 Edition–Mini-Slot	\$100
<b>Transverse cards (EX RT 5-11 kVA only)</b>			
OPCARD-WEB	66074	Network Management Card (SNMP/Web 10/100)	\$309
OPCARD-PCACOM	66073	XML-Web card	\$400
OPCARD-COMM	66060	Dual port UTalk/Basic output card	\$191
OPCARD-MODBUS	66061	RS-232/RS-485 JBus/ModBus	\$191
OPCARD-USB	66067	USB card (1 port)	\$148
OPCARD-AS400	66068	AS/400 volt-free contact/remote power off card	\$148
OPCARD-RELAY	66069	6 alarm relays (250V/2A)	\$191

#### POWER MANAGEMENT SOFTWARE

Catalog Number	Style Number	Description	List Price
OPSFTWAR-PAC2	66923	Management-Pac 2–network Management Systems (includes Enterprise Power Mgr-50 device)	\$369
OPSFTWAR-EPRISE	66924	Enterprise Power Manager GOLD (Unlimited devices)	\$2,765

#### CABLES

Catalog Number	Style Number	Description	List Price
OPCABEL-AS400	66033	IBM AS/400	\$100

#### ACCESSORIES

Catalog Number	Style Number	Description	List Price
OPSNSR-EMPW	66846	Environmental Sensor (temperature/humidity) – Requires Network Management (SNMP/Web) Card	\$166

#### PDU – SWITCHED & AMPMETER

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
56132	56132	MGE SWITCHED PDU, 120V HORIZ (1U)	1.75 x 17.20 x 7.00	8.2	\$537
56136	56136	MGE SWITCHED PDU, 120V VERT (0U)	46.50 x 1.75 x 2.25	13.2	\$768
56138	56138	MGE SWITCHED PDU, 230V VERT (0U)	46.50 x 1.75 x 2.25	13.2	\$798
56147	56147	MGE AMPMTR PDU, 120V VERT (0U)	31.25 x 1.75 x 2.25	7.0	\$306
56148	56148	MGE AMPMTR PDU, 120V VERT (0U)	54.25 x 1.75 x 2.25	8.6	\$429
68170	68170	PULSAR PDU, ENVIRONMENTAL SENSOR	-	1.0	\$83

## COMMUNICATIONS, SOFTWARE AND ACCESSORIES *(continued)*

### MGE Office Protection Systems family

#### PULSAR MBS

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
59101	59101	MBS115-02 I/P: 5-15P, 10FT, UPS I/P: 5-15R, UPS O/P: 5-15P, 6 FT, load rec. (6) 5-15R *	3.47 x 17.0 x 3.47	5	\$368
59102	59102	MBS120-02 I/P: L5-20P, 10 FT, UPS I/P: L5-20R, UPS O/P: L5-20P, 6FT, load rec. (6) 5-15/20R *	3.47 x 17.0 x 3.47	5	\$357
59103	59103	MBS120-02 I/P: L5-20P, 10FT, UPS I/P: L5-20R, UPS O/P: L5-20P, 6FT, load rec. (1) L5-20R, (4) 5-15/20R *	3.47 x 17.0 x 3.47	5	\$374
59104	59104	MBS130-02 I/P: L5-30P, 10 FT, UPS I/P: L5-30R, UPS O/P: L5-30P, 6FT, load rec. (6) 5-15/20R *	3.47 x 17.0 x 3.47	5	\$408
59105	59105	MBS130-02 I/P: L5-30P, 10FT, UPS I/P: L5-30R, UPS O/P: L5-30P, 6FT, load rec. (1)L5-20R, (4) 5-15/20R	3.47 x 17.0 x 3.47	5	\$408
59106	59106	MBS130-02 I/P: L5-30P, 10FT, UPS I/P: L5-30R, UPS O/P: L5-30P, 6FT, load rec. (1)L5-30R, (4) 5-15/20R *	3.47 x 17.0 x 3.47	5	\$408
59107	59107	MBS130-02 I/P: L5-30P, 10 FT, UPS I/P: L5-30R, UPS O/P: L5-30P, 6FT, load rec. (1)L5-30R, (1) L5-20R	3.47 x 17.0 x 3.47	1.0	\$408

\* Minimum order quantity = 25 units

#### SOURCE TRANSFER SWITCH (STS)

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
PULSTS1400R-1U	66027	Pulsar STS 1400 power redundancy source transfer switch	1.7 x 19.0 x 9.8	5	\$285
PULSTS16AMPR-1U	66028	Pulsar HV (230V) STS 16 IEC—not UL-listed	1.7 x 16.9 x 9.8	11	\$295

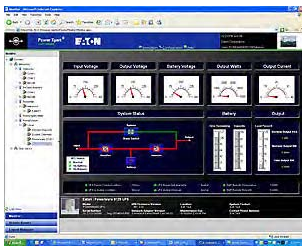
# SOFTWARE

## Software Products

Delivering a full line of software, strategic equipment, and connectivity devices, Eaton provides the perfect solution. Implementing these key components along with our UPS products allows you to get the most out of your power protection system.

### Eaton Power Xpert Software, Server Core Class **POWERCHAIN® MONITORING AND MANAGEMENT SYSTEM**

Power Xpert Software, Server Core Class, represents the perfect balance between sophistication and ease of deployment and use for those who don't necessarily need a package with global scalability. Designed to seamlessly handle Eaton's communicating equipment in a graphical manner without additional serial interfaces, protocols or customization, Server Core offers incredible value. And, with the addition of Layout Manager, you can easily customize Web pages to display information in your preferred style.

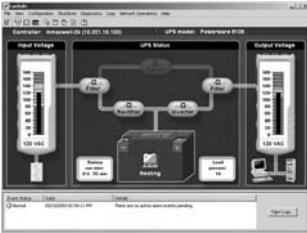


#### Features and Benefits

- Connects to your existing network
- Data trending and graphing for detailed information for troubleshooting, problem prevention and costs savings
- Web-based views that allow access to critical information from any location via a Web browser
- A modular, scalable architecture that allows the addition of capabilities and devices as the power system expands
- Alarm conditions bubble up through the system to allow personnel to identify which device is in alarm and where it is located

### Eaton LanSafe Software **POWER MANAGEMENT SOFTWARE FOR NETWORK SHUTDOWN**

LanSafe software comes free of charge with Eaton's 3, 5 and 9 series UPSs to monitor UPS status and gracefully shutdown or restart the systems connected to that UPS during an extended power failure. In addition, it introduces a number of revolutionary features to simplify UPS monitoring and management.

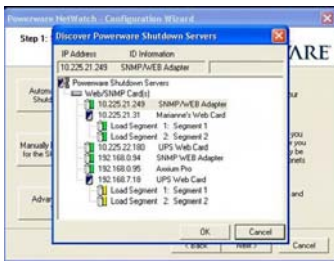


#### Features and Benefits

- Stealth mode operation
- Cost savings calculator
- Animated UPS PowerScope view
- History calendar and control room views
- Separate views for single- and three-phase UPSs
- Event history summary
- Battery replacement warning
- Power on/off scheduling via calendar
- UPS load segment (receptacle) control
- Local/remote UPS power on/off
- Automatic, graceful shut down with work in progress saving, during an extended power failure

### NetWatch **SERVER SHUTDOWN SOFTWARE**

The NetWatch Client software is designed to shut down a server or workstation under the control of a UPS being monitored and managed by a ConnectUPS Web/SNMP card, BestLink Web/SNMP adapter or an MGE Network Management Card (NMC).



#### Features and Benefits

- Monitor the activity of a single UPS through communication with the ConnectUPS, BestLink or NMC
- Alerts users of a server or workstation whenever a power failure occurs
- During a power outage, provide automatic graceful shutdown functionality and inform clients on pending shutdown thus preparing users for the removal of AC power

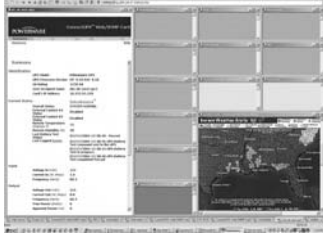
## SOFTWARE

### Software Products (*continued*)

#### MultiView

##### DESKTOP POWER MANAGEMENT AND NETWORK MONITORING TOOL

Delivering a strong power management and network monitoring tool to your desktop, the MultiView UPS software program is a Web browser for Microsoft Windows® 98, Me, Windows NT®, 2000 or XP. This program uses Internet Explorer while increasing the functionality of your current browser.



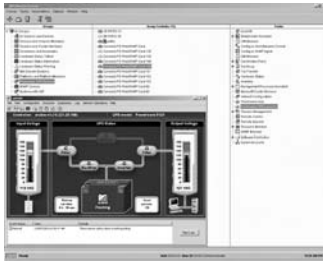
##### Features and Benefits

- Allows user to view multiple Web sites at once within a single browser window
- Can look for and automatically add to that screen, the browser pages of connected ConnectUPS Web/SNMP Cards from 3, 5 and 9 series UPSs, as well as the Status@aGlance™ page from LanSafe v5 software
- MultiView software provides simultaneous monitoring of multiple ConnectUPS and BD Cards from a single console

#### Eaton Extensions for IBM Director

##### NETWORK MANAGEMENT SYSTEM INTEGRATION SOFTWARE

The extensions for IBM Director considerably simplify network management tasks for UPSs by allowing system administrators to monitor, diagnose, configure, set alarms, schedule self-tests, check battery, gather inventory information and control Eaton's 3, 5 and 9 series of UPSs network-wide from a single console within IBM Director.



##### Features and Benefits

- Seamless integration of UPSs into the IBM Director Management Console
- UPS inventory management
- UPS event and alarm management
- UPS load segment control
- UPS reboot and scheduled shutdown
- Network-wide UPS battery test
- Standard RFC1628.MIB, standard STDUPSV1.MIB and PowerMIB XUPS.MIB support
- SNMP GET and SET commands support
- SNMP trap forwarding support
- Central log for UPS events
- IBM Director Upward Integration
- IBM Server Proven Certified solution

#### Eaton Software Suite

Arriving bundled with every 3, 5 and 9 series UPS (free of charge), the Software Suite CD incorporates user-friendly features including our Software Wizard to guide through software selection and installation. The Software Suite includes:



- LanSafe Power Management Software
- NetWatch Software
- 30-day trial version of PowerVision® Software

## SOFTWARE

### Software Products (*continued*)

#### EATON POWER XPERT SOFTWARE

	Part Number	List Price***
<b>Power Xpert Software Modules</b>		
The Package edition of Power Xpert Server Core software includes virtually unlimited support for all of Eaton's electrical devices in quantity and in product type. See support list of devices for details. Product includes DVD, License Certificate and printed user guides.	PXSERVERCOREPK	\$1,961
The DVD edition of Power Xpert Server Core software includes virtually unlimited support for all of Eaton's electrical devices in quantity and in product type. See support list of devices for details. Product includes DVD, and License Certificate	PXSERVERCOREDVD	\$1,855
Power Xpert Layout Manager	PXSLAYOUTMGR	\$5,300
Power Xpert Quality Manager	PXSQUALITYMGR	\$5,300
Power Xpert Modbus TCP Connector	PXSMODBUSCONN	\$5,300
Power Xpert SNMP Connector	PXSSNMPCONN	\$5,300
Power Xpert User Manual Set (Power Xpert Server Core, Layout Manager, Quality Manager, Modbus TCP Connector, and SNMP Connector)	PXSMANSET	\$265
<b>Value Packages</b>		
Power Xpert Engineer package (includes Server Core, Layout Manager and Quality Manager)	PXSENGPK	\$11,660
Power Xpert SNMP package (includes Server Core, Layout Manager and SNMP Connector)	PXSSNMPPK	\$11,660
Power Xpert Modbus TCP package (includes Server Core, Layout Manager and Modbus TCP Connector)	PXSMDTCCPK	\$11,660
Power Xpert total package (includes Server Core, Layout Manager, Quality Manager, Modbus TCP Connector and SNMP Connector)	PXSTOTALPK	\$21,200

#### POWERVERSION v4.x SOFTWARE PRODUCTS

	Part Number	List Price***
<b>PowerVision Network Edition License</b> *includes built-in multiple server OS shutdown (unlimited)	165200132	\$667
Available Options Include:		
Environmental Monitoring Probe	116750224-001	\$220
Secure Web Server Option License	165200140	\$317
<b>PowerVision Enterprise Manager License</b>	165200138	\$3,709
(Note: Requires either PowerVision Network or Facility Edition License)		
<b>PowerVision Facility Edition License</b>		
*Includes built-in multiple server OS shutdown (unlimited)	165200134	\$2,787
<b>Available Options:</b>		
**PowerVision DAT	103003780	\$1,879
Environmental Monitoring Probe	116750224-001	\$220
Secure Web Server Option	165200140	\$317
Modbus Gateway Option	165200142	\$2,119
Notes: *All PowerVision software and OS shutdown agents are available on the Software Suite CD and also for free download from <a href="http://www.eaton.com/powerquality">www.eaton.com/powerquality</a> . See Web site for details on latest operating system support. **PowerVision Facility Edition provides the ability to connect to and monitor multiple PowerVision DATs connected to the local area network at no additional charge. *** List price is for concurrent purchases only. Contact the inside sales team at 800.356.5794 for pricing if you are not also purchasing a UPS.		
<b>Upgrade License from PowerVision v3.x to PowerVision Facility Edition</b>	165200136	\$1,879

#### PowerVision v3.x Software Products

Note: Available for limited time only, replaced with PowerVision v4 products shown above.



# CONNECTIVITY

## Connectivity Products

Eaton's connectivity products are accessory hardware options used to provide Eaton UPS products to external communication devices. We offer a variety of connectivity products to ensure communication compatibility with a variety of external devices through the Web, serial, USB, relays or SNMP.

### Eaton Power Xpert Gateway Series 1000 Card



Provides Web-enabled, real-time monitoring of Eaton three-phase PDUs, RPPs, RPMs and the Eaton Energy Management System for power quality status and fast response to power-related events.

### Eaton Power Xpert Gateway Series 2000 Card



Provides Web-enabled, real-time monitoring of select single- and three-phase UPSs for power quality status and fast response to power-related events. The Power Xpert Gateway Series 2000 Card is compatible with Eaton UPSs with X-Slot compatibility; these include the 5115 RM, 5125, 9125, 9140, 9155, 9315, 9355, 9390, 9395 and BladeUPS.

**Features and Benefits of the Power Xpert Gateway cards include**

- Web-enabled monitoring of power quality data—data can be viewed from any location with a Web browser
- Configure and edit settings of the cards remotely via the Web interface—bring the power of configuration to your desktop
- Data, event and system logging with time stamp—accurate logging for power quality analysis, troubleshooting and equipment planning
- Modbus TCP/IP and SNMP support—open communication protocol allows for communication to standard building management and network management systems
- Collective Notification e-mail messaging on input power related events—one e-mail will be sent for multiple UPS with a consolidated list of the events and affected UPS
- Customized e-mail messaging for events notification, including data and event logs and periodic “heartbeat” e-mails—direct alarm and event notification to the appropriate person(s) in the organization
- Easy integration into existing Ethernet infrastructure—minimize installation cost
- Seamless integration of Eaton UPSs, PDUs, RPMs and RPPs into Power Xpert Software—Web-enable and monitor all of your equipment, from Eaton or other manufacturers, with the Power Xpert Architecture
- Supports the Environmental Monitoring Probe—expanded ability to view temperature, humidity and two contact closures

## ConnectUPS Web/SNMP Devices

### SOLUTIONS FOR THE CHANGING GLOBAL CUSTOMER LANDSCAPE



The ConnectUPS-MS, ConnectUPS-X, ConnectUPS-BD and ConnectUPS-E Web/SNMP devices are designed for the rigorous task of managing the UPS that protects equipment and the critical data residing throughout the network.

**Features and Benefits**

- Monitoring via Web (computer, PDA or cell phone) or via SNMP (Network Management System) provides easy, anytime, anywhere access
- Built-in three port switching hub (in X-Slot version) adds three 10/100 Mbps power connected network connections with no additional expense
- Alarm notification through any combination of e-mail, SNMP traps or network message speeds corrective action
- Integrated NetWatch Client software provides graceful, unattended shutdown of computer operating systems in the event of an extended power failure
- MultiView software provides simultaneous UPS monitoring through multiple ConnectUPS-MS, -X, -BD and -E cards from a single computer console
- SSL and SSH encryption and authentication
- Automatic local language detection and support; Spanish, Chinese, German, Italian, French and Portuguese among others



Eaton NetWatch Client 5.0 has tested compatible with Cisco Unified Communications Manager 4.3. Go to [www.eaton.com/PQ/cisco](http://www.eaton.com/PQ/cisco) for disclaimer.

# CONNECTIVITY *(continued)*

## Connectivity Products



### Eaton Expansion Chassis & Modbus Card

#### INCREASING THE FLEXIBILITY OF UPS MONITORING & MANAGEMENT

The Expansion Chassis is a three-slot peripheral device that expands communication methods for a UPS through its support for X-Slot cards. It is pre-configured with the Eaton Modbus card, which serves as the interface to Modbus networks and as the integral communications controller for the other two slots.

**Features and Benefits**

- Creates an array of communication options for Eaton UPSs
- Serves as the framework for protocol conversion via compatible X-Slot cards to: Modbus, SNMP and HTTP
- Add expanded communication support for a wide range of UPS models: 5115, 5125, 9120, 9125, 9170+, 9315 and 9355
- Flexible mounting options (via included feet, rack or wall-mounting kits); redundant power inputs
- Alarm notification speeds corrective action through any combination of e-mail, SNMP traps or NetWatch Client software
- Compatible with X-Slot cards: Modbus Card (one included), ConnectUPS-X Web/SNMP Card and Single Port Serial Card

### Interface Cards

#### OUT-OF-BAND COMMUNICATIONS AND NOTIFICATION OF UPS ALARM STATUS



The Relay Interface Cards provide simple alarm notification via isolated contacts to signal remote alarm panels or security systems in the event of a change of state in UPS operation.

**Features and Benefits**

- Provides out-of-band communication methods via RS-232 serial communications or isolated Form-C relay contacts
- Relay Interface Card provides isolated dry contact Form-C relay outputs for Utility failure, Low battery, UPS alarm/OK and On bypass
- User-selectable normally open (NO) or normally closed (NC) contacts
- Shutdown function to remotely shutdown UPS in the event of an emergency
- IBM AS/400 computer port (DB-15)
- Terminal block outputs available on X-Slot card
- Works with any Eaton UPS equipped with an X-Slot communication bay, in addition to the 9120 and 9170+

### Environmental Monitoring Probe UPS Connectivity Device

The Environmental Monitoring Probe (EMP) enables you to remotely monitor environmental conditions as easily as you monitor power conditions. Using a standard Web browser, you can view the ambient temperature and humidity of the remote environment, as well as the status of two additional contact devices, such as a smoke detector or open-door sensor.



**Features and Benefits**

- Monitors temperature, humidity and status of two contacts/sensors
- Works with any Eaton UPS with any ConnectUPS Web/SNMP Card and Power Xpert Gateway Series 2000 Card
- Can be located up to 20 meters (65.6 feet) from the UPS
- Measures ambient temperatures between -20°C and 80°C (-4°F and 176°F)
- Measures relative humidity between 10 and 90 percent
- Displays status on Web page, IP phone or PDA or network management system
- Auto-sends alarms via e-mail, PCS phone or pager
- Warranty (US and Canada): Two-year limited warranty, option for enhanced warranty

# CONNECTIVITY *(continued)*

## Connectivity Products



### PowerVision Data Acquisition Terminal **REVOLUTIONIZING THE WAY MISSION CRITICAL EQUIPMENT IS MONITORED OVER AN ETHERNET NETWORK**

The PowerVision DAT is a connectivity device created exclusively for PowerVision Facility Edition software. The PowerVision DAT provides an easy-to-use LCD front panel menu display to allow installing electricians to be able to program the alarm names for up to 16 different relay contact inputs from various equipment types such as: generators, static switches, PDUs or air conditioners for automatic display in the PowerVision Facility Edition software over an Ethernet network.

**Features and Benefits**

- Assists installation and configuration with easy-to-use built-in front panel LCD
- Consolidates monitoring of multiple equipment types using 16 relay contact inputs
- Analyze trends using the graphing and statistical report functions found in PowerVision Facility Edition software
- Versatile mounting methods using standard rackmount hardware or optional wall kit

**CONNECTIVITY PRODUCTS**

	Web SNMP Products				Environmental Monitoring Products	PowerVision Connectivity Products	Modbus Connectivity Products	Power Xpert Gateway Card
	ConnectUPS-MS	ConnectUPS-X	ConnectUPS-BD	ConnectUPS-E	EMP	PowerVision DAT	Modbus	PXGX2000
<b>Product</b>	<b>103006826</b>	<b>116750221-001</b>	<b>116750222-001</b>	<b>116750223-001</b>	<b>116750224-001</b>	<b>103003780</b>	<b>103002510-5501</b>	<b>103005868-5591</b>
5115 (1U RM)		•			•		•	•
5125		•			•			
5130	•							
9130			•		•			
9135	•							
9140		•			•		•	•
9155		•			•		•	•
9170+			•		•			
BladeUPS		•			•		•	•
9355		•			•		•	•
Expansion Chassis		•			•			
Power Xpert Gateway Series 2000 Card		•	•	•	•			•
ConnectUPS-X					•			
ConnectUPS-BD					•			
ConnectUPS-E					•			
Alarm Serial Card				•				
Environmental Monitoring Probe	•	•	•	•		•		•
PowerVision DAT					•			
LanSafe v.5.x		•	•	•	•			•
LanSafe v.6	•	•	•	•	•			
PowerVision v.4.x Network Edition		•	•	•	•			
PowerVision v.4.x Facility Edition		•	•	•	•	•		
Power Xpert Software		•			•			•

# CONNECTIVITY *(continued)*

## Connectivity Products

### RELAY CONNECTIVITY PRODUCTS

	Relay Card (X-Slot)	Relay Card (BD)	Industrial Relay & Display X-Slot Card	AS/400' Cable 25	AS/400 Cable 75'
<b>Product</b>	1018460	1014018	103003055	103004349-5591	103004347-5591
5115 (1U RM)	•			•	•
5125	•				
9130		•		•	•
9140	•			•	•
9155	•		•	•	•
9170+		•		•	•
9355	•		•	•	•

Notes: 1. Industrial Relay Card Required (P/N: 103003055). 2. Reference page 69 for FERRUPS options. 3. You can have up to two optional connectivity cards installed.

### OTHER CONNECTIVITY PRODUCTS

	Serial Cards		Integration Products	
	Alarm Serial Card	Modbus Card	AS/400 Cable DB-25	AS/400 Splitter Cable DB-25
<b>Product</b>	103004741-5501	103002510-5501	124902074-030	124902118-001
5115 (1U) RM	•	•	•	•
5125	•	•	•	•
9125	•	•	•	•
9140	•	•	•	•
9155	•	•		•
9170+				
9355	•	•	•	•
Expansion Chassis		Included		

Notes: 1. Requires ConnectUPS Web/SNMP device. 2. Reference page 69 for FERRUPS options. 3. You can have up to two optional connectivity cards installed.

### MINI-SLOT CONNECTIVITY PRODUCTS

	Network Management Card – Web/SNMP	Industrial Network Management Card – Modbus & Jbus	Management Card – Contact / RS-232 Serial	AS/400
<b>Product</b>	103006826	103006827	103006828	66033
5130	•	•	•	•
9135	•	•	•	•

## CONNECTIVITY *(continued)*

### Connectivity Options

#### POWER XPERT CONNECTIVITY PRODUCTS

Description	Part Number	List Price
Power Xpert Gateway Series 1000 Card (PDU)	PXGX1000	\$1,267
Power Xpert Gateway Series 2000 Card	PXGX2000	\$745

#### WEB/SNMP PRODUCTS

Description	Part Number	List Price
ConnectUPS-X Web/SNMP Card	116750221-001	\$335
ConnectUPS-BD Web/SNMP Card	116750222-001	\$335
ConnectUPS-E Web/SNMP Adapter	116750223-001	\$493
Environmental Monitoring Probe (Requires ConnectUPS Web/SNMP device)	116750224-001	\$220
Ethernet SNMP/HTTP Adapter	116750225-001	\$349

#### INTEGRATION PRODUCTS (PROVIDES EXPANDED CONNECTIVITY & OPEN SYSTEM INTEGRATION)

Description	Part Number	List Price
Expansion Chassis (with Modbus Card)	05147063	\$1,658
Modbus Card	103002510-5501	\$661
Slimline serial cable	124102022-002	\$62

#### POWERSHIELD CONNECTIVITY PRODUCTS

Description	Part Number	List Price
PowerShield DAT	103003780	\$1,879
Environmental Monitoring Probe	116750224-001	\$220

#### MINI-SLOT CONNECTIVITY PRODUCTS

Description	Part Number	List Price
ConnectUPS – MS Network Management Card	103006826	\$249
Industrial Network Management Card–Modbus & Jbus	103006827	\$335
AS/400 Relay Management Card–MS	103006828	\$100

#### RELAY INTERFACE PRODUCTS (REMOTE MONITORING THROUGH FORM-C CONTACTS AND IBM AS/400)

Description	Part Number	List Price	
Relay Card – BD (AS/400 Compatible)	1014018	\$146	
Relay Card – X-Slot (AS/400 Compatible)	1018460	\$146	
AS/400 cables for relay cards 1014018 and 1018460	DB15-DB9 25-ft.	103004349-5501	\$62
AS/400 model 9406	DB15-DB9 75-ft.	103004347-5501	\$104
Industrial Relay and Display Drive Card; 5A @ 250V	103003055	\$335	
Provides (4) Form-C Relay contacts for integrating UPS alarms into security and alarm systems. Also provides signal information for the Remote Monitor Display Panel (part number 103002687-001).			
Splitter Cable	124102028-001	\$158	
Relay/Serial Card	103004741-5591	\$314	

#### REMOTE MONITORING PANELS (PROVIDES REMOTE MONITORING OF UPS STATUS)

Description	Part Number	List Price
Remote Monitor Display Panel (Requires Industrial Relay and Display Drive Card Part Number 103003055)	103002687-001	\$335

#### SOFTWARE SUITE CD

Description	Part Number	List Price
Bundled free-of-charge with Eaton UPSs (contains: LanSafe software, 30-day trial version of PowerVision, Shutdown Agent, NetWatch Client software, MultiView and Extensions for IBM Director)	05146745-0005	\$220

#### INTEGRATION SOFTWARE

Description	Web Download	List Price
IBM Director Snap-in: Network Management System (NMS) software	powerware.com	Free-of-charge
MultiView Software: Browser-based multiple UPS monitoring software	powerware.com	Free-of-charge

# LOAD CENTER PROTECTION

## CHSP Series

### PRIMARY PROTECTION FOR SERVICE ENTRANCE

Service Entrance Protection is designed to provide premier surge protection for AC power, telephone and cable at the point of entrance to the home. Protection at this location can reduce surges to an acceptable level for surge strips to handle at the point of use.



### RESIDENTIAL SURGE PRODUCTS—CHSP SERIES

Series	Part Number	Total Joules	Maximum Surge Current	Clamping Voltage (Maximum Surge Current)	Protection Level/Application	List Price
Micro Series	CHSPMICRO	1920	120,000A	400V UL1448 2nd Edition	Basic surge protection for AC Power	\$197
Max Series	CHSPMAX	2400	150,000A	400V UL 1449 2nd Edition	Premium surge protection for AC Power	\$339
Ultra Series	CHSPULTRA	2880	180,000A	400V UL 1448 2nd Edition	Ultimate surge protection for AC Power	\$627
3-way Series	CHSPCHSR4P	Includes: CHSPULTRA, DCXCAB2, & DHW4PT			Standard 3-way protection (AC power, phone, cable) for all home electronic equipment	\$712
SurgeCable	DCXCAB2	-	20,000A	(2) Cable/Satellite lines	Cable TV/satellite and cable modem protection	\$221
SurgeTel	DHW4PT	-	80,000A	(4) Telephone lines	Telephone/modem surge protection	\$235

## DISTRIBUTED SURGE PROTECTION

### Surge Strip Series

#### SECONDARY PROTECTION FOR POINT-OF-USE

Point of use surge strips are designed to offer premier surge protection for specific electronics while providing innovative features to enhance user convenience safety.



#### RESIDENTIAL SURGE PRODUCTS – SURGE STRIP SERIES

Micro Series	Part Number	Total Joules	Maximum Surge Current	Features	Protection Level/Application Micro Series	List Price
	SGXMICRONET1	740	48,000A	1 outlet, wall-mount 5-15R	Entry level protection for AC power + telephone/modem	\$84.50
	SGXMICRONET6	740	48,000A	6 outlet, wall-mount 5-15R	Entry level protection for AC power + telephone/modem	\$106
	SGXMICROTV6	740	48,000A	6 outlet, wall-mount 5-15R	Entry level protection for AC power + cable TV	\$106
	SGXMICROAC6	740	48,000A	6 outlet, wall-mount 5-15R	Entry level protection for AC power	\$97.50
<b>Max Series</b>						
	SGXMAXNET	740	48,000A	7 outlet; 5-15R; 6' power cord; Transformer spacing	Mid level protection for AC power + telephone/modem	\$134
	SGXMAXTV	740	48,000A	7 outlet; 5-15R; 6' power cord; Transformer spacing	Mid level protection for AC power + cable TV	\$139
	SGXMAXAC	740	48,000A	7 outlet; 5-15R; 6' power cord; Transformer spacing	Mid level protection for AC power	\$106
<b>Ultra Series</b>						
	SGXULTNET	1110	72,000A	8 outlet; 5-15R; 6' power cord, transformer spacing	Advanced protection for AC power + telephone/modem	\$210
	SGXULTTV	1110	72,000A	8 outlet; 5-15R; 6' power cord, transformer spacing	Advanced protection for AC power + cable TV	\$210
	SGXULTAC	1110	72,000A	8 outlet; 5-15R; 6' power cord, transformer spacing	Advanced protection for AC power	\$163
	SGXULT3WAY	1110	72,000A	10 outlet; 5-15R; 6' power cord, transformer spacing	Advanced protection for AC power, telephone/modem, cable	\$278
<b>Construction Series</b>						
	SGXCONST6	750	19,500A	6 outlet; 5-15R; metal heavy duty; cord management system, transformer spacing	Protection for AC power	\$92
	SGXCONST8	750	19,500A	8 outlet; 5-15R; metal heavy duty, cord management system, transformer spacing	Protection for AC power	\$134
<b>Rackmount Surge Protection</b>						
	SGXRM19BTL	1575	-	84 kVA	9 outlet 19' rackmount surge protector with 15A twistlock; 330V clamping; 12-foot cord	\$797

# SURGE PROTECTION PXL



## NEMA 1/3R ENCLOSURE

Voltage	Part Number	Dimensions			List Price	Part Number	Dimensions		
		(H x W x D, inches)	Weight (lb)				(H x W x D, inches)	Weight (lb)	List Price
<b>PXL 100 (100 kA/phase surge rating)</b>		"K" Option—No Integral Disconnect				"M" Option—Integral Disconnect			
Premium Diagnostics									
208/120 Wye Three-phase (4W + G)	PXL100208YPK	16 x 11 x 4	21	\$1,320	PXL100208YPM	25 x 14 x 8	40	\$1,640	
120/240 Single Split-phase (3W + G)	PXL100240SPK	16 x 11 x 4	21	\$1,430	PXL100240SPM	25 x 14 x 8	40	\$1,750	
240 Delta (3W + G)	PXL100240DPK	16 x 11 x 4	21	\$1,540	PXL100240DPM	25 x 14 x 8	40	\$1,860	
480 Delta (3W + G)	PXL100480DPK	16 x 11 x 4	21	\$1,540	PXL100480DPM	25 x 14 x 8	40	\$1,860	
400/230 Wye Three-phase (4W + G)	PXL100400YPK	16 x 11 x 4	21	\$1,540	PXL100400YPM	25 x 14 x 8	40	\$1,860	
480/277 Wye Three-phase (4W + G)	PXL100480YPK	16 x 11 x 4	21	\$1,540	PXL100480YPM	25 x 14 x 8	40	\$1,860	
Standard Diagnostics		"K" Option—No Integral Disconnect				"M" Option—Integral Disconnect			
208/120 Wye Three-phase (4W + G)	PXL100208YSK	16 x 11 x 4	21	\$1,095	PXL100208YSM	25 x 14 x 8	40	\$1,415	
120/240 Single Split-phase (3W + G)	PXL100240SSK	16 x 11 x 4	21	\$1,205	PXL100240SSM	25 x 14 x 8	40	\$1,525	
240 Delta (3W + G)	PXL100240DSK	16 x 11 x 4	21	\$1,315	PXL100240DSM	25 x 14 x 8	40	\$1,635	
480 Delta (3W + G)	PXL100480DSK	16 x 11 x 4	21	\$1,315	PXL100480DSM	25 x 14 x 8	40	\$1,635	
400/230 Wye Three-phase (4W + G)	PXL100400YSK	16 x 11 x 4	21	\$1,315	PXL100400YSM	25 x 14 x 8	40	\$1,635	
480/277 Wye Three-phase (4W + G)	PXL100480YSK	16 x 11 x 4	21	\$1,315	PXL100480YSM	25 x 14 x 8	40	\$1,635	
<b>PXL 120 (120 kA/phase surge rating)</b>		"K" Option—No Integral Disconnect				"M" Option—Integral Disconnect			
Premium Diagnostics									
208/120 Wye Three-phase (4W + G)	PXL120208YPK	16 x 11 x 4	21	\$1,540	PXL120208YPM	25 x 14 x 8	40	\$1,940	
120/240 Single Split-phase (3W + G)	PXL120240SPK	16 x 11 x 4	21	\$1,670	PXL120240SPM	25 x 14 x 8	40	\$2,070	
240 Delta (3W + G)	PXL120240DPK	16 x 11 x 4	21	\$1,805	PXL120240DPM	25 x 14 x 8	40	\$2,205	
480 Delta (3W + G)	PXL120480DPK	16 x 11 x 4	21	\$1,805	PXL120480DPM	25 x 14 x 8	40	\$2,205	
400/230 Wye Three-phase (4W + G)	PXL120400YPK	16 x 11 x 4	21	\$1,805	PXL120400YPM	25 x 14 x 8	40	\$2,205	
480/277 Wye Three-phase (4W + G)	PXL120480YPK	16 x 11 x 4	21	\$1,805	PXL120480YPM	25 x 14 x 8	40	\$2,205	
Standard Diagnostics		"K" Option—No Integral Disconnect				"M" Option—Integral Disconnect			
208/120 Wye Three-phase (4W + G)	PXL120208YSK	16 x 11 x 4	21	\$1,315	PXL120208YSM	25 x 14 x 8	40	\$1,715	
120/240 Single Split-phase (3W + G)	PXL120240SSK	16 x 11 x 4	21	\$1,445	PXL120240SSM	25 x 14 x 8	40	\$1,845	
240 Delta (3W + G)	PXL120240DSK	16 x 11 x 4	21	\$1,580	PXL120240DSM	25 x 14 x 8	40	\$1,980	
480 Delta (3W + G)	PXL120480DSK	16 x 11 x 4	21	\$1,580	PXL120480DSM	25 x 14 x 8	40	\$1,980	
400/230 Wye Three-phase (4W + G)	PXL120400YSK	16 x 11 x 4	21	\$1,580	PXL120400YSM	25 x 14 x 8	40	\$1,980	
480/277 Wye Three-phase (4W + G)	PXL120480YSK	16 x 11 x 4	21	\$1,580	PXL120480YSM	25 x 14 x 8	40	\$1,980	
<b>PXL 160 (160 kA/phase surge rating)</b>		"K" option—No Integral Disconnect				"M" Option—Integral Disconnect			
Premium Diagnostics									
208/120 Wye Three-phase (4W + G)	PXL160208YPK	16 x 11.0 x 4.0	21	\$1,980	PXL160208YPM	25 x 14 x 8	40	\$2,480	
120/240 Single Split-phase (3W + G)	PXL160240SPK	16 x 11.0 x 4.0	21	\$2,155	PXL160240SPM	25 x 14 x 8	40	\$2,655	
240 Delta (3W + G)	PXL160240DPK	16 x 11.0 x 4.0	21	\$2,331	PXL160240DPM	25 x 14 x 8	40	\$2,831	
480 Delta (3W + G)	PXL160480DPK	16 x 11.0 x 4.0	21	\$2,331	PXL160480DPM	25 x 14 x 8	40	\$2,831	
400/230 Wye Three-phase (4W + G)	PXL160400YPK	16 x 11.0 x 4.0	21	\$2,331	PXL160400YPM	25 x 14 x 8	40	\$2,831	
480/277 Wye Three-phase (4W + G)	PXL160480YPK	16 x 11.0 x 4.0	21	\$2,331	PXL160480YPM	25 x 14 x 8	40	\$2,831	
Standard Diagnostics		"K" option - No Integral Disconnect				"M" Option—Integral Disconnect			
208/120 Wye Three-phase (4W + G)	PXL160208YSK	16 x 11.0 x 4.0	21	\$1,755	PXL160208YSM	25 x 14 x 8	40	\$2,255	
120/240 Single Split-phase (3W + G)	PXL160240SSK	16 x 11.0 x 4.0	21	\$1,930	PXL160240SSM	25 x 14 x 8	40	\$2,430	
240 Delta (3W + G)	PXL160240DSK	16 x 11.0 x 4.0	21	\$2,106	PXL160240DSM	25 x 14 x 8	40	\$2,606	
480 Delta (3W + G)	PXL160480DSK	16 x 11.0 x 4.0	21	\$2,106	PXL160480DSM	25 x 14 x 8	40	\$2,606	
400/230 Wye Three-phase (4W + G)	PXL160400YSK	16 x 11.0 x 4.0	21	\$2,106	PXL160400YSM	25 x 14 x 8	40	\$2,606	
480/277 Wye Three-phase (4W + G)	PXL160480YSK	16 x 11.0 x 4.0	21	\$2,106	PXL160480YSM	25 x 14 x 8	40	\$2,606	



# SURGE PROTECTION

## PXL (continued)

### NEMA 1/3R ENCLOSURE (continued)

Voltage	Part Number	Dimensions			Part Number	Dimensions		
		(H x W x D, inches)	Weight (lb)	List Price		(H x W x D, inches)	Weight (lb)	List Price
<b>PXL 200 (200 kA/phase surge rating)</b>								
Premium Diagnostics			"K" Option—No Integral Disconnect			"M" option—Integral Disconnect		
208/120 Wye Three-phase (4W + G)	PXL200208YPK	16 x 11 x 4	21	\$2,420	PXL200208YPM	25 x 14 x 8	40	\$3,070
120/240 Single Split-phase (3W + G)	PXL200240SPK	16 x 11 x 4	21	\$2,640	PXL200240SPM	25 x 14 x 8	40	\$3,290
240 Delta (3W + G)	PXL200240DPK	16 x 11 x 4	21	\$2,860	PXL200240DPM	25 x 14 x 8	40	\$3,510
480 Delta (3W + G)	PXL200480DPK	16 x 11 x 4	21	\$2,860	PXL200480DPM	25 x 14 x 8	40	\$3,510
400/230 Wye Three-phase (4W + G)	PXL200400YPK	16 x 11 x 4	21	\$2,860	PXL200400YPM	25 x 14 x 8	40	\$3,510
480/277 Wye Three-phase (4W + G)	PXL200480YPK	16 x 11 x 4	21	\$2,860	PXL200480YPM	25 x 14 x 8	40	\$3,510
Standard Diagnostics			"K" Option—No Integral Disconnect			"M" Option—Integral Disconnect		
208/120 Wye Three-phase (4W + G)	PXL200208YSK	16 x 11 x 4	21	\$2,195	PXL200208YSM	25 x 14 x 8	40	\$2,845
120/240 Single Split-phase (3W + G)	PXL200240SSK	16 x 11 x 4	21	\$2,415	PXL200240SSM	25 x 14 x 8	40	\$3,065
240 Delta (3W + G)	PXL200240DSK	16 x 11 x 4	21	\$2,635	PXL200240DSM	25 x 14 x 8	40	\$3,285
480 Delta (3W + G)	PXL200480DSK	16 x 11 x 4	21	\$2,635	PXL200480DSM	25 x 14 x 8	40	\$3,285
400/230 Wye Three-phase (4W + G)	PXL200400YSK	16 x 11 x 4	21	\$2,635	PXL200400YSM	25 x 14 x 8	40	\$3,285
480/277 Wye Three-phase (4W + G)	PXL200480YSK	16 x 11 x 4	21	\$2,635	PXL200480YSM	25 x 14 x 8	40	\$3,285
<b>PXL 250 (250 kA/phase surge rating)</b>								
Premium Diagnostics			"K" Option—No Integral Disconnect			"M" Option—Integral Disconnect		
208/120 Wye Three-phase (4W + G)	PXL250208YPK	18 x 13 x 4	24	\$2,970	PXL250208YPM	25 x 14 x 8	40	\$3,720
120/240 Single Split-phase (3W + G)	PXL250240SPK	18 x 13 x 4	24	\$3,245	PXL250240SPM	25 x 14 x 8	40	\$3,995
240 Delta (3W + G)	PXL250240DPK	18 x 13 x 4	24	\$3,520	PXL250240DPM	25 x 14 x 8	40	\$4,270
480 Delta (3W + G)	PXL250480DPK	18 x 13 x 4	24	\$3,520	PXL250480DPM	25 x 14 x 8	40	\$4,270
400/230 Wye Three-phase (4W + G)	PXL250400YPK	16 x 11 x 4	21	\$3,520	PXL250400YPM	25 x 14 x 8	40	\$4,270
480/277 Wye Three-phase (4W + G)	PXL250480YPK	18 x 13 x 4	24	\$3,520	PXL250480YPM	25 x 14 x 8	40	\$4,270
Standard Diagnostics			"K" Option—No Integral Disconnect			"M" Option—Integral Disconnect		
208/120 Wye Three-phase (4W + G)	PXL250208YSK	18 x 13 x 4	24	\$2,745	PXL250208YSM	25 x 14 x 8	40	\$3,495
120/240 Single Split-phase (3W + G)	PXL250240SSK	18 x 13 x 4	24	\$3,020	PXL250240SSM	25 x 14 x 8	40	\$3,770
240 Delta (3W + G)	PXL250240DSK	18 x 13 x 4	24	\$3,295	PXL250240DSM	25 x 14 x 8	40	\$4,045
480 Delta (3W + G)	PXL250480DSK	18 x 13 x 4	24	\$3,295	PXL250480DSM	25 x 14 x 8	40	\$4,045
400/230 Wye Three-phase (4W + G)	PXL250400YSK	16 x 11 x 4	21	\$3,295	PXL250400YSM	25 x 14 x 8	40	\$4,045
480/277 Wye Three-phase (4W + G)	PXL250480YSK	18 x 13 x 4	24	\$3,295	PXL250480YSM	25 x 14 x 8	40	\$4,045
<b>PXL 300 (300 kA/phase surge rating)</b>								
Premium Diagnostics			"K" Option—No Integral Disconnect			"M" Option—Integral Disconnect		
208/120 Wye Three-phase (4W + G)	PXL300208YPK	18 x 13 x 4	24	\$3,515	PXL300208YPM	25 x 14 x 8	40	\$4,315
120/240 Single Split-phase (3W + G)	PXL300240SPK	18 x 13 x 4	24	\$3,845	PXL300240SPM	25 x 14 x 8	40	\$4,645
240 Delta (3W + G)	PXL300240DPK	18 x 13 x 4	24	\$4,175	PXL300240DPM	25 x 14 x 8	40	\$4,975
480 Delta (3W + G)	PXL300480DPK	18 x 13 x 4	24	\$4,175	PXL300480DPM	25 x 14 x 8	40	\$4,975
400/230 Wye Three-phase (4W + G)	PXL300400YPK	16 x 11 x 4	21	\$4,175	PXL300400YPM	25 x 14 x 8	40	\$4,975
480/277 Wye Three-phase (4W + G)	PXL300480YPK	18 x 13 x 4	24	\$4,175	PXL300480YPM	25 x 14 x 8	40	\$4,975
Standard Diagnostics			"K" Option—No Integral Disconnect			"M" Option—Integral Disconnect		
208/120 Wye Three-phase (4W + G)	PXL300208YSK	18 x 13 x 4	24	\$3,290	PXL300208YSM	25 x 14 x 8	40	\$4,090
120/240 Single Split-phase (3W + G)	PXL300240SSK	18 x 13 x 4	24	\$3,620	PXL300240SSM	25 x 14 x 8	40	\$4,420
240 Delta (3W + G)	PXL300240DSK	18 x 13 x 4	24	\$3,950	PXL300240DSM	25 x 14 x 8	40	\$4,750
480 Delta (3W + G)	PXL300480DSK	18 x 13 x 4	24	\$3,950	PXL300480DSM	25 x 14 x 8	40	\$4,750
400/230 Wye Three-phase (4W + G)	PXL300400YSK	16 x 11 x 4	21	\$3,950	PXL300400YSM	25 x 14 x 8	40	\$4,750
480/277 Wye Three-phase (4W + G)	PXL300480YSK	18 x 13 x 4	24	\$3,950	PXL300480YSM	25 x 14 x 8	40	\$4,750

**SURGE PROTECTION****PXL (continued)****NEMA 1/3R ENCLOSURE (continued)**

Voltage	Part Number	Dimensions			Part Number	Dimensions		
		(H x W x D, inches)	Weight (lb)	List Price		(H x W x D, inches)	Weight (lb)	List Price
<b>PXL 400 (400kA/phase surge rating)</b>								
Premium Diagnostics		"K" Option—No Integral Disconnect				"M" Option—Integral Disconnect		
208/120 Wye Three-phase (4W + G)	PXL400208YPK	18 x 13 x 4	24	\$4,615	PXL400208YPM	25 x 14 x 8	40	\$5,465
120/240 Single Split-phase (3W + G)	PXL400240SPK	18 x 13 x 4	24	\$5,055	PXL400240SPM	25 x 14 x 8	40	\$5,905
240 Delta (3W + G)	PXL400240DPK	18 x 13 x 4	24	\$5,495	PXL400240DPM	25 x 14 x 8	40	\$6,345
480 Delta (3W + G)	PXL400480DPK	18 x 13 x 4	24	\$5,495	PXL400480DPM	25 x 14 x 8	40	\$6,345
400/230 Wye Three-phase (4W + G)	PXL400400YPK	16 x 11 x 4	21	\$5,495	PXL400400YPM	25 x 14 x 8	40	\$6,345
480/277 Wye Three-phase (4W + G)	PXL400480YPK	18 x 13 x 4	24	\$5,495	PXL400480YPM	25 x 14 x 8	40	\$6,345
<b>Standard Diagnostics</b>								
		"K" Option—No Integral Disconnect				"M" Option—Integral Disconnect		
208/120 Wye Three-phase (4W + G)	PXL400208YSK	18 x 13 x 4	24	\$4,390	PXL400208YSM	25 x 14 x 8	40	\$5,240
120/240 Single Split-phase (3W + G)	PXL400240SSK	18 x 13 x 4	24	\$4,830	PXL400240SSM	25 x 14 x 8	40	\$5,680
240 Delta (3W + G)	PXL400240DSK	18 x 13 x 4	24	\$5,270	PXL400240DSM	25 x 14 x 8	40	\$6,120
480 Delta (3W + G)	PXL400480DSK	18 x 13 x 4	24	\$5,270	PXL400480DSM	25 x 14 x 8	40	\$6,120
400/230 Wye Three-phase (4W + G)	PXL400400YSK	16 x 11 x 4	21	\$5,270	PXL400400YSM	25 x 14 x 8	40	\$6,120
480/277 Wye Three-phase (4W + G)	PXL400480YSK	18 x 13 x 4	24	\$5,270	PXL400480YSM	25 x 14 x 8	40	\$6,120
<b>PXL 500 (500kA/phase surge rating)</b>								
Premium Diagnostics		"K" Option—No Integral Disconnect				"M" Option—Integral Disconnect		
208/120 Wye Three-phase (4W + G)	PXL500208YPK	18 x 13 x 4	24	\$5,710	PXL500208YPM	25 x 14 x 8	40	\$6,610
120/240 Single Split-phase (3W + G)	PXL500240SPK	18 x 13 x 4	24	\$6,260	PXL500240SPM	25 x 14 x 8	40	\$7,160
240 Delta (3W + G)	PXL500240DPK	18 x 13 x 4	24	\$6,805	PXL500240DPM	25 x 14 x 8	40	\$7,705
480 Delta (3W + G)	PXL500480DPK	18 x 13 x 4	24	\$6,805	PXL500480DPM	25 x 14 x 8	40	\$7,705
400/230 Wye Three-phase (4W + G)	PXL500400YPK	16 x 11 x 4	21	\$6,805	PXL500400YPM	25 x 14 x 8	40	\$7,705
480/277 Wye Three-phase (4W + G)	PXL500480YPK	18 x 13 x 4	24	\$6,805	PXL500480YPM	25 x 14 x 8	40	\$7,705
<b>Standard Diagnostics</b>								
		"K" Option—No Integral Disconnect				"M" Option—Integral Disconnect		
208/120 Wye Three-phase (4W + G)	PXL500208YSK	18 x 13 x 4	24	\$5,485	PXL500208YSM	25 x 14 x 8	40	\$6,385
120/240 Single Split-phase (3W + G)	PXL500240SSK	18 x 13 x 4	24	\$6,035	PXL500240SSM	25 x 14 x 8	40	\$6,935
240 Delta (3W + G)	PXL500240DSK	18 x 13 x 4	24	\$6,580	PXL500240DSM	25 x 14 x 8	40	\$7,480
480 Delta (3W + G)	PXL500480DSK	18 x 13 x 4	24	\$6,580	PXL500480DSM	25 x 14 x 8	40	\$7,480
400/230 Wye Three-phase (4W + G)	PXL500400YSK	16 x 11 x 4	21	\$6,580	PXL500400YSM	25 x 14 x 8	40	\$7,480
480/277 Wye Three-phase (4W + G)	PXL500480YSK	18 x 13 x 4	24	\$6,580	PXL500480YSM	25 x 14 x 8	40	\$7,480

# SURGE PROTECTION

## PVL



### NEMA 1 ENCLOSURE

Voltage	Part Number	Dimensions (H x W x D, inches)	Weight (lb)	List Price
<b>PVL 50 (50 kA/phase surge rating)</b>				
208/120 Wye Three-phase (4W + G)	PVL050208YK	11.55 x 5.00 x 2.60	5	\$360
120/240 Single Split-phase (3W + G)	PVL050240SK	11.55 x 5.00 x 2.60	5	\$395
240 Delta (3W + G)	PVL050240DK	11.55 x 5.00 x 2.60	5	\$430
480 Delta (3W + G)	PVL050480DK	11.55 x 5.00 x 2.60	5	\$430
400/230 Wye Three-phase (4W + G)	PVL050400YK	11.55 x 5.00 x 2.60	5	\$430
480/277 Wye Three-phase (4W + G)	PVL050480YK	11.55 x 5.00 x 2.60	5	\$430
<b>PVL 80 (80 kA/phase surge rating)</b>				
208/120 Wye Three-phase (4W + G)	PVL080208YK	11.55 x 5.00 x 2.60	5	\$650
120/240 Single Split-phase (3W + G)	PVL080240SK	11.55 x 5.00 x 2.60	5	\$715
240 Delta (3W + G)	PVL080240DK	11.55 x 5.00 x 2.60	5	\$780
480 Delta (3W + G)	PVL080480DK	11.55 x 5.00 x 2.60	5	\$780
400/230 Wye Three-phase (4W + G)	PVL080400YK	11.55 x 5.00 x 2.60	5	\$780
480/277 Wye Three-phase (4W + G)	PVL080480YK	11.55 x 5.00 x 2.60	5	\$780
<b>PVL 100 (100 kA/phase surge rating)</b>				
208/120 Wye Three-phase (4W + G)	PVL100208YK	11.55 x 5.00 x 2.60	5	\$840
120/240 Single Split-phase (3W + G)	PVL100240SK	11.55 x 5.00 x 2.60	5	\$925
240 Delta (3W + G)	PVL100240DK	11.55 x 5.00 x 2.60	5	\$1,010
480 Delta (3W + G)	PVL100480DK	11.55 x 5.00 x 2.60	5	\$1,010
400/230 Wye Three-phase (4W + G)	PVL100400YK	11.55 x 5.00 x 2.60	5	\$1,010
480/277 Wye Three-phase (4W + G)	PVL100480YK	11.55 x 5.00 x 2.60	5	\$1,010
<b>PVL 120 (120 kA/phase surge rating)</b>				
208/120 Wye Three-phase (4W + G)	PVL120208YK	11.55 x 5.00 x 2.60	5	\$1,035
120/240 Single Split-phase (3W + G)	PVL120240SK	11.55 x 5.00 x 2.60	5	\$1,140
240 Delta (3W + G)	PVL120240DK	11.55 x 5.00 x 2.60	5	\$1,245
480 Delta (3W + G)	PVL120480DK	11.55 x 5.00 x 2.60	5	\$1,245
400/230 Wye Three-phase (4W + G)	PVL120400YK	11.55 x 5.00 x 2.60	5	\$1,245
480/277 Wye Three-phase (4W + G)	PVL120480YK	11.55 x 5.00 x 2.60	5	\$1,245
<b>PVL 160 (160 kA/phase surge rating)</b>				
208/120 Wye Three-phase (4W + G)	PVL160208YK	11.55 x 5.00 x 2.60	5	\$1,420
120/240 Single Split-phase (3W + G)	PVL160240SK	11.55 x 5.00 x 2.60	5	\$1,565
240 Delta (3W + G)	PVL160240DK	11.55 x 5.00 x 2.60	5	\$1,705
480 Delta (3W + G)	PVL160480DK	11.55 x 5.00 x 2.60	5	\$1,705
400/230 Wye Three-phase (4W + G)	PVL160400YK	11.55 x 5.00 x 2.60	5	\$1,705
480/277 Wye Three-phase (4W + G)	PVL160480YK	11.55 x 5.00 x 2.60	5	\$1,705
<b>PVL 200 (200 kA/phase surge rating)</b>				
208/120 Wye Three-phase (4W + G)	PVL200208YK	11.55 x 5.00 x 2.60	5	\$1,810
120/240 Single Split-phase (3W + G)	PVL200240SK	11.55 x 5.00 x 2.60	5	\$1,995
240 Delta (3W + G)	PVL200240DK	11.55 x 5.00 x 2.60	5	\$2,175
480 Delta (3W + G)	PVL200480DK	11.55 x 5.00 x 2.60	5	\$2,175
400/230 Wye Three-phase (4W + G)	PVL200400YK	11.55 x 5.00 x 2.60	5	\$2,175
480/277 Wye Three-phase (4W + G)	PVL200480YK	11.55 x 5.00 x 2.60	5	\$2,175

# SURGE PROTECTION

## Data Line and Telecommunication



Description	Part Number	Dimensions (H x W x D, inches)	Weight (lb)	List Price
<b>PCCP Series</b>				
IBM Twinax, F/F	PCCP2BMFF	0.90 x 0.98 x 4.70	0.27	\$75
IBM Twinax, M/F	PCCP2BMMF	0.90 x 0.98 x 4.70	0.35	\$75
IBM Twinax, Tee Configuration	PCCP2BMT	1.90 x 0.98 x 4.70	0.27	\$81
Arcnet, BNC, M/F	PCCP2DAAN	0.90 x 0.98 x 3.43	0.16	\$55
50 OHM, BNC, M/F, for Ethernet 10Base 2	PCCP2DAEN	0.90 x 0.98 x 3.43	0.16	\$55
50 OHM, N Type, F/F, for Ethernet 10Base 5	PCCP2DANENFF	0.90 x 0.98 x 4.40	0.24	\$62
Ethernet 10Base 5, 50 OHM, N Type, M/F	PCCP2DANENMF	0.90 x 0.98 x 4.40	0.24	\$62
50 OHM, BNC, Tee Tap for Ethernet 10Base 2	PCCP2DTEN	1.45 x 0.98 x 3.25	0.19	\$58
CCTV, 75 OHM, BNC, M/F	PCCPCCTV	0.90 x 0.98 x 3.43	0.16	\$61
CATV / Cable Modem / Satellite TV 75 OHM, F type F/F	PCCPCMSFF	0.90 x 0.98 x 3.33	0.15	\$39
CATV / Cable Modem / Satellite TV 75 OHM, F type F/M	PCCPCMSMF	0.90 x 0.98 x 4.00	0.17	\$46
<b>PSIP Series</b>				
DB15, for Ethernet AUI Cable	PDB15EN	0.65 x 1.60 x 2.40	0.14	\$75
DB15, all pins for RS-232	PDB15RS232	0.65 x 1.60 x 2.40	0.14	\$49
DB15, all pins for RS-422, RS-423, RS-485	PDB15RS422	0.65 x 1.60 x 2.40	0.14	\$49
DB25, all pins for parallel interfaces	PDB25PARLL	0.65 x 2.10 x 2.40	0.17	\$59
DB25, all 25 pins for RS-232, DTE & DCE	PDB25RS232	0.65 x 2.10 x 2.40	0.17	\$59
DB25, all pins for RS-422, RS-423, RS-485	PDB25RS422	0.65 x 2.10 x 2.40	0.17	\$59
DB25, pins [(1) 2, 3, 7 & 20] for RS-232	PDB425RS232	0.65 x 2.10 x 2.40	0.15	\$42
DB25, pins [(1) 2-8, & 20] for RS-232	PDB825RS232	0.65 x 2.10 x 2.40	0.16	\$50
DB9, all pins for RS-232	PDB9RS232	0.65 x 1.20 x 2.40	0.12	\$45
DB9, all pins for RS-422, RS-423, RS-485, T1	PDB9RS422	0.65 x 1.20 x 2.40	0.12	\$45
<b>PDDP Series</b>				
25 Pairs [50 wires], RJ21, M/F	PDDP25A	1.25 x 3.30 x 6.63	0.70	\$232
25 Pairs [50 wires], RJ21, M/F	PDDP25B	1.25 x 3.30 x 6.63	0.78	\$232
25 Pairs [50 wires], RJ21, M/F	PDDP25E	1.25 x 3.30 x 6.63	0.70	\$232
25 Pairs [50 wires], RJ21, M/F	PDDP25G	1.25 x 3.30 x 6.63	0.78	\$232
25 Pairs [50 wires], RJ21, M/F	PDDP25T	1.25 x 3.30 x 6.63	0.70	\$232
50 Pairs [100 wires], (2) RJ21, M/F	PDDP50A	2.50 x 3.30 x 6.63	1.35	\$423
50 Pairs [100 wires], (2) RJ21, M/F	PDDP50B	2.50 x 3.30 x 6.63	1.50	\$423
50 Pairs [100 wires], (2) RJ21, M/F	PDDP50E	2.50 x 3.30 x 6.63	1.35	\$423
50 Pairs [100 wires], (2) RJ21, M/F	PDDP50G	2.50 x 3.30 x 6.63	1.50	\$423
50 Pairs [100 wires], (2) RJ21, M/F	PDDP50T	2.50 x 3.30 x 6.63	1.35	\$423
Arcnet, 96 wires, 12 ports-RJ45	PDDPH12A	1.25 x 9.90 x 5.60	1.93	\$433
Telco CSU/DSU, Lease Line, 96 wires, 12 ports-RJ45	PDDPH12B	1.25 x 9.90 x 5.60	1.93	\$433
10Base T, RS-422/RS-423/RS-485, 96 wires, 12 ports-RJ45	PDDPH12E	1.25 x 9.90 x 5.60	1.93	\$433
100Base T, ATM155, 96 wires, 12 ports-RJ45	PDDPH12EC5	1.25 x 9.90 x 5.60	1.93	\$493
Telco Dial Up, 96 wires, 12 ports-RJ45	PDDPH12G	1.25 x 9.90 x 5.60	1.93	\$433
Token Ring, RS-232, 96 wires, 12 ports-RJ45	PDDPH12T	1.25 x 9.90 x 5.60	1.93	\$433
Arcnet, 32 wires, 4 ports-RJ45	PDDPH4A	1.25 x 3.30 x 5.60	0.73	\$176
Telco CSU/DSU, Lease Line, 32 wires, 4 ports-RJ45	PDDPH4B	1.25 x 3.30 x 5.60	0.73	\$176
10Base T, RS-422/RS-423/RS-485, 32 wires, 4 ports-RJ45	PDDPH4E	1.25 x 3.30 x 5.60	0.73	\$176
100Base T, ATM155, 32 wires, 4 ports-RJ45	PDDPH4EC5	1.25 x 3.30 x 5.60	0.73	\$197
Telco Dial Up, 32 wires, 4 ports-RJ45	PDDPH4G	1.25 x 3.30 x 5.60	0.73	\$176
Token Ring, RS-232, 32 wires, 4 ports-RJ45	PDDPH4T	1.25 x 3.30 x 5.60	0.73	\$176
Arcnet, 64 wires, 8 ports-RJ45	PDDPH8B	1.25 x 6.60 x 5.60	1.33	\$302
Telco CSU/DSU, Lease Line, 64 wires, 8 ports-RJ455	PDDPH8B	1.25 x 6.60 x 5.60	1.33	\$302
10Base T, RS-422/RS-423/RS-485, 64 wires, 8 ports-RJ45	PDDPH8E	1.25 x 6.60 x 5.60	1.33	\$302
100Base T, ATM155, 64 wires, 8 ports-RJ45	PDDPH8EC5	1.25 x 6.60 x 5.60	1.33	\$342
Telco Dial Up, 64 wires, 8 ports-RJ45	PDDPH8G	1.25 x 6.60 x 5.60	1.33	\$302
Token Ring, RS-232, 64 wires, 8 ports-RJ45	PDDPH8T	1.25 x 6.60 x 5.60	1.33	\$302

**SURGE PROTECTION****Data Line and Telecommunication (continued)**

Description	Part Number	Dimensions (H x W x D, inches)	Weight (lb)	List Price
<b>PMTJ Series</b>				
RJ11, 2 Center Pins	PMTJ02GRJ11	0.93 x 1.47 x 3.60	0.18	\$41
RJ11, 4 Center Pins	PMTJ04ARJ11	0.93 x 1.47 x 3.60	0.18	\$45
RJ11, 4 Center Pins	PMTJ04BRJ11	0.93 x 1.47 x 3.60	0.18	\$45
RJ11, 4 Center Pins	PMTJ04ERJ11	0.93 x 1.47 x 3.60	0.18	\$45
RJ45, Ethernet 10Base T, Pins 1, 2, 3 & 6	PMTJ04ERJ45	0.93 x 1.47 x 3.60	0.18	\$46
RJ45, 4 Center Pins	PMTJ04ERJ45C	0.93 x 1.47 x 3.60	0.18	\$46
RJ11, 4 Center Pins	PMTJ04GRJ11	0.93 x 1.47 x 3.60	0.18	\$45
RJ11, 4 Center Pins	PMTJ04TRJ11	0.93 x 1.47 x 3.60	0.18	\$45
RJ45, 4 Center Pins	PMTJ04TRJ45	0.93 x 1.47 x 3.60	0.18	\$46
RJ11, All Pins	PMTJ06ARJ11	0.93 x 1.47 x 3.60	0.18	\$51
RJ11, All Pins	PMTJ06BRJ11	0.93 x 1.47 x 3.60	0.18	\$51
RJ11, All Pins	PMTJ06ERJ11	0.93 x 1.47 x 3.60	0.18	\$51
RJ11, All Pins	PMTJ06TRJ11	0.93 x 1.47 x 3.60	0.18	\$51
RJ45, All Pins	PMTJ08ARJ45	0.93 x 1.47 x 3.60	0.18	\$71
RJ45, All Pins	PMTJ08BRJ45	0.93 x 1.47 x 3.60	0.19	\$71
RJ45, All Pins	PMTJ08ERJ45	0.93 x 1.47 x 3.60	0.18	\$71
RJ45, All Pins	PMTJ08GRJ45	0.93 x 1.47 x 3.60	0.19	\$71
RJ45, All Pins	PMTJ08TRJ45	0.93 x 1.47 x 3.60	0.18	\$71
RJ45, CAT5e Rated, All Pins	PMTJC5E	0.93 x 1.47 x 3.60	0.18	\$81
60V, Fused, RJ45, Pins 1, 2, 7 & 8	PMTJDDS	0.93 x 1.47 x 3.60	0.19	\$51
Digital Telco, 60V, Fused, RJ45, All Pins	PMTJDIGITAL	0.93 x 1.47 x 3.60	0.19	\$81
Fused, RJ11, All Pins	PMTJDSL	0.93 x 1.47 x 3.60	0.18	\$56
60V, Fused, RJ45, ISDN, 4 Center Pins	PMTJISDN	0.93 x 1.47 x 3.60	0.19	\$56
RJ45, 100 Base T - 7.5V Pins 1, 2, 3, 6 - 30V Pins 4, 5, 7, 8	PMTJPOE30V	0.93 x 1.47 x 3.60	0.18	\$68
RJ45, 100 Base T - 7.5V Pins 1, 2, 3, 6 - 60V Pins 4, 5, 7, 8	PMTJPOE60V	0.93 x 1.47 x 3.60	0.18	\$61
RJ45, 10' Total Cord Length, Cat 6, All Pins	PCAT6PPC	0.93 x 1.47 x 120.00	0.40	\$101
Low Voltage, Fused, RJ45, Pins 1, 2, 4 & 5	PMTJT1	0.93 x 1.47 x 3.60	0.19	\$51
<b>PPCH Series</b>				
Category 5, 12 Ports, 110 IDC/RJ45	PPCH12C5	1.75 x 19.00 x 1.28	1.20	\$428
12 Port 110 IDC/RJ45 - 4 Center Wires - Fused	PPCH12RJ45B	1.75 x 19.00 x 1.28	1.20	\$702
12 Port 110 IDC/RJ45 Telco - 4 Center Wires - Fused	PPCH12RJ45G	1.75 x 19.00 x 1.28	1.20	\$768
Category 5, 24 Ports, 110 IDC/RJ45	PPCH24C5	3.50 x 19.00 x 1.28	2.60	\$694
Category 5, 48 Ports, 110 IDC/RJ45	PPCH48C5	7.00 x 19.00 x 1.28	5.70	\$1,202
<b>PMTJ Series</b>				
All Pins, RJ45, 16 Ports	PRAK16A	3.50 x 19.00 x 0.65	1.60	\$579
All Pins, RJ45, 16 Ports, with Standoff	PRAK16ASO	1.75 x 19.00 x 5.00	2.50	\$599
All Pins, RJ45, 16 Ports	PRAK16B	3.50 x 19.00 x 0.65	1.80	\$636
16 Port 1U High BNC CCTV Protector	PRAK16BNC	1.75 x 19.00 x 4.25	2.50	\$1,026
All Pins, RJ45, 16 Ports, with Standoff	PRAK16BSO	1.75 x 19.00 x 5.00	2.70	\$658
16 Port 1U High Cable Protector	PRAK16CMS	1.75 x 19.00 x 4.25	2.50	\$609
All Pins, RJ45, 16 Ports	PRAK16E	3.50 x 19.00 x 0.65	1.60	\$579
100 Mhz (100Base T, Etc.) All Pins, RJ45, 16 Ports	PRAK16EC5	3.50 x 19.00 x 0.65	1.60	\$649
100 Mhz (100Base T) All Pins, RJ45, 16 Ports w/Standoff	PRAK16EC5SO	1.75 x 19.00 x 5.00	2.50	\$669
All Pins, RJ45, 16 Ports, with Standoff	PRAK16ESO	1.75 x 19.00 x 5.00	2.50	\$599
2 Center Pins, RJ45, 16 Ports	PRAK16G	3.50 x 19.00 x 0.65	1.60	\$636
2 Center Pins, RJ45, 16 Ports, with Standoff	PRAK16GSO	1.75 x 19.00 x 5.00	2.50	\$658
All Pins, RJ45, 16 Ports	PRAK16T	3.50 x 19.00 x 0.65	1.60	\$579
All Pins, RJ45, 16 Ports, with Standoff	PRAK16TSO	1.75 x 19.00 x 5.00	2.50	\$599
All Pins, RJ45, 32 Ports, with Standoff	PRAK32ASO	3.50 x 19.00 x 5.00	4.90	\$1,001
All Pins, RJ45, 32 Ports, with Standoff	PRAK32BSO	3.50 x 19.00 x 5.00	5.30	\$1,101
100 Mhz (100Base T) All Pins, RJ45, 32 Ports w/Standoff	PRAK32EC5SO	3.50 x 19.00 x 5.00	4.90	\$1,182
All Pins, RJ45, 32 Ports, with Standoff	PRAK32ESO	3.50 x 19.00 x 5.00	4.90	\$1,001
2 Center Pins, RJ45, 32 Ports, with Standoff	PRAK32GSO	3.50 x 19.00 x 5.00	4.90	\$1,101
All Pins, RJ45, 32 Ports, with Standoff	PRAK32TSO	3.50 x 19.00 x 5.00	4.90	\$1,001

**SURGE PROTECTION****Data Line and Telecommunication (continued)**

<b>Description</b>	<b>Part Number</b>	<b>Dimensions (H x W x D, inches)</b>	<b>Weight (lb)</b>	<b>List Price</b>
All Pins, RJ45, Replacement Node	PRAKA	0.71 x 0.75 x 3.15	0.15	\$46
All Pins, RJ45, Standoff Replacement Node	PRAKASO	0.90 x 0.99 x 2.67	0.17	\$46
All Pins, RJ45, Replacement Node	PRAKB	0.71 x 0.75 x 3.15	0.16	\$46
All Pins, RJ45, Standoff Replacement Node	PRAKBSO	0.90 x 0.99 x 2.67	0.18	\$46
All Pins, RJ45, Replacement Node	PRAKE	0.71 x 0.75 x 3.15	0.15	\$46
100 Mhz (100Base T) All Pins, RJ45, Node	PRAKEC5	0.71 x 0.75 x 3.15	0.15	\$46
100 Mhz (100Base T) All Pins, RJ45, Standoff Node	PRAKEC5SO	0.90 x 0.99 x 2.67	0.17	\$46
All Pins, RJ45, Standoff Replacement Node	PRAKESO	0.90 x 0.99 x 2.67	0.17	\$46
2 Center Pins, RJ45, Replacement Node	PRAKG	0.71 x 0.75 x 3.15	0.15	\$46
2 Center Pins, RJ45, Standoff Replacement Node	PRAKGSO	0.90 x 0.99 x 2.67	0.17	\$46
All Pins, RJ45, Replacement Node	PRAKT	0.71 x 0.75 x 3.15	0.15	\$46
All Pins, RJ45, Standoff Replacement Node	PRAKTSO	0.90 x 0.99 x 2.67	0.17	\$46
10, 10 Center Wire, Quick Connect, Terminal Block	PTSP10BA	1.25 x 3.30 x 5.30	0.62	\$196
10, 10 Center Wire, Quick Connect, Terminal Block	PTSP10BB	1.25 x 3.30 x 5.30	0.63	\$196
10, 10 Center Wire, Quick Connect, Terminal Block	PTSP10BE	1.25 x 3.30 x 5.30	0.62	\$196
10, 10 Center Wire, Quick Connect, Terminal Block	PTSP10BG	1.25 x 3.30 x 5.30	0.63	\$196
10, 10 Center Wire, Quick Connect, Terminal Block	PTSP10BT	1.25 x 3.30 x 5.30	0.62	\$196
2, 2 Center Wire, Quick Connect, Terminal Block	PTSP2BA	0.93 x 1.47 x 3.60	0.16	\$51
2, 2 Center Wire, Quick Connect, Terminal Block	PTSP2BB	0.93 x 1.47 x 3.60	0.16	\$51
2, 2 Center Wire, Quick Connect, Terminal Block	PTSP2BE	0.93 x 1.47 x 3.60	0.16	\$51
2, 2 Center Wire, Quick Connect, Terminal Block	PTSP2BG	0.93 x 1.47 x 3.60	0.16	\$51
2, 2 Center Wire, Quick Connect, Terminal Block	PTSP2BT	0.93 x 1.47 x 3.60	0.16	\$51
2, 2 Center Wire, Quick Connect, Terminal Block	PTSP32BA	1.25 x 13.35 x 5.30	1.76	\$387
2, 2 Center Wire, Quick Connect, Terminal Block	PTSP32BB	1.25 x 13.35 x 5.30	1.84	\$387
32, 32 Center Wire, Quick Connect, Terminal Block	PTSP32BE	1.25 x 13.35 x 5.30	1.76	\$387
2, 2 Center Wire, Quick Connect, Terminal Block	PTSP32BG	1.25 x 13.35 x 5.30	1.84	\$387
2, 2 Center Wire, Quick Connect, Terminal Block	PTSP32BT	1.25 x 13.35 x 5.30	1.76	\$387
4, 4 Center Wire, Quick Connect, Terminal Block	PTSP4BA	0.93 x 1.47 x 3.60	0.16	\$65
4, 4 Center Wire, Quick Connect, Terminal Block	PTSP4BB	0.93 x 1.47 x 3.60	0.17	\$65
4, 4 Center Wire, Quick Connect, Terminal Block	PTSP4BE	0.93 x 1.47 x 3.60	0.16	\$65
4, 4 Center Wire, Quick Connect, Terminal Block	PTSP4BG	0.93 x 1.47 x 3.60	0.17	\$65
4, 4 Center Wire, Quick Connect, Terminal Block	PTSP4BT	0.93 x 1.47 x 3.60	0.16	\$65
6, 6 Center Wire, Quick Connect, Terminal Block	PTSP6BA	1.25 x 3.30 x 5.30	0.60	\$104
6, 6 Center Wire, Quick Connect, Terminal Block	PTSP6BB	1.25 x 3.30 x 5.30	0.61	\$104
6, 6 Center Wire, Quick Connect, Terminal Block	PTSP6BE	1.25 x 3.30 x 5.30	0.60	\$104
6, 6 Center Wire, Quick Connect, Terminal Block	PTSP6BG	1.25 x 3.30 x 5.30	0.61	\$104
6, 6 Center Wire, Quick Connect, Terminal Block	PTSP6BT	1.25 x 3.30 x 5.30	0.60	\$104
8, 8 Center Wire, Quick Connect, Terminal Block	PTSP8BA	1.25 x 3.30 x 5.30	0.61	\$125
8, 8 Center Wire, Quick Connect, Terminal Block	PTSP8BB	1.25 x 3.30 x 5.30	0.62	\$125
8, 8 Center Wire, Quick Connect, Terminal Block	PTSP8BE	1.25 x 3.30 x 5.30	0.61	\$125
8, 8 Center Wire, Quick Connect, Terminal Block	PTSP8BG	1.25 x 3.30 x 5.30	0.62	\$125
8, 8 Center Wire, Quick Connect, Terminal Block	PTSP8BT	1.25 x 3.30 x 5.30	0.61	\$125
<b>Misc</b>				
Category 5, 2 Port Replacement Node	PMOD24C5	1.55 x 2.88 x 1.28	0.18	\$61
Telco Box Protector C/W RJ-31X Protocol Shorting Bars	PRJ31X	1.10 x 2.00 x 2.00	0.12	\$55
DB-9, All pins for Token Ring	PDB918VLC	0.65 x 1.20 x 2.40	0.12	\$45

# ECLIPSE SURGE SUPPRESSORS

## MGE Office Protection Systems Family

The Eclipse is Ideal for all uses—computer, peripheral, stereo and video—total protection against power surges, spikes, nearby lightning strikes and line noise.

- Up to 1020 joule rating
- Master on/off switch
- Instantaneous response time
- Visual alarm(s)
- Audible alarm (except personal)
- Circuit breaker and thermal fuse protection
- 360° rotating plug (except personal)



### Eclipse Surge Suppressors

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
ECLL1800-PER	83500	ECLIPSE Personal 120V 1800W (6) 5-15R *	2.00 x 1.25 x 11.00	1.0	\$200
ECLL1800-PRO	83501	ECLIPSE Pro 120V 1800W (8) 5-15R *	3.88 x 1.31 x 9.75	1.5	\$383
ECLL1800-PROTEL	83502	ECLIPSE ProTel 1800W (8) 5-15R *	3.88 x 1.31 x 9.75	1.5	\$426

\* Sold in cases of 20 each only.

# MIDSPAN (PoE) POWER OVER ETHERNET – 90 VAC

## MGE Office Protection Systems family

Protection against power surges, spikes, nearby lightning strikes and line noise.

- **Reliable:** A PoE system protected by a UPS eliminates power cuts and ensures that the IP telephone network is always available
- **Economical:** Power is supplied to the equipment connected to the IP network over the existing wiring
- **Simple to install:** Plug-and-play installation



### MIDSPAN PoE

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)	List Price
MDSPN-24	66895	Midspan PoE 24-port-Standard Model	1.73 x 17.30 x 11.90	8.8	\$891
MDSPN-24WEB	66887	Midspan PoE 24-port-SNMP-Network Management Model	1.73 x 17.30 x 11.90	8.8	\$983



# SERVICES

## Single-phase Service Plans Overview

Eaton’s comprehensive, world-class service solutions for all Eaton AC, DC, software and connectivity products are designed to improve costs, uptime, reliability, power quality and safety. We demonstrate our commitment to strong lasting customer relationships through our technical expertise and expansive support network. We deliver service 24 hours a day, 7 days a week when and where you need it.

With Eaton’s single-phase UPS service options, you can enhance and extend your standard warranty with a service plan that provides up to five years of bumper-to-bumper services, ranging from basic overnight replacement to comprehensive on-site system coverage, including preventive maintenance.

### SUMMARY OF EATON SERVICE PLANS FOR SINGLE-PHASE UPS MODELS 3105, 5110, 5115, 5125, 9140, 9155, 9170+, FERRUPS

Single-phase Service Plan Features	Factory Warranty	Gold	Gold Plus	On-site Gold	On-site Gold Plus	PowerTrust Gold	PowerTrust Gold Plus	PowerTrust On-site Gold	PowerTrust On-site Gold Plus
Comprehensive coverage of the UPS and standard batteries	•	•	•	•	•	•	•	•	•
Telephone technical support	•	•	•	•	•	•	•	•	•
eNotify Remote Monitoring <sup>4</sup>						•	•	•	•
Connectivity support	•	•	•	•	•	•	•	•	•
Expedited delivery of replacement parts, modules and batteries		•	•	•	•	•	•	•	•
On-site startup <sup>1</sup>			•	•	•		•	•	•
On-site corrective maintenance <sup>1</sup>				•	•			•	•
Next-day 24-hr response <sup>2</sup>				•	•			•	•
Annual UPS preventive maintenance <sup>3</sup>					•				•
Annual battery preventive maintenance <sup>3</sup>					•				•

1. On-site startup and corrective maintenance service is 5x8 for Series 5 products; 7x24 for Series 9 products and Ferrups.
2. Unit must be within 100 miles of Eaton established service location to qualify for 24-hr response.
3. Initial startup serves as the annual PM service for the first year of operation. Subsequent annual PM services are scheduled on request from customer beginning in the second year of operation.
4. eNotify Remote Monitoring service requires Web card and EMP, not included in PowerTrust contract price.

### SUMMARY OF EATON SERVICE PLANS FOR SINGLE-PHASE UPS MODELS 5130, 9130, 9135, EVOLUTION, EVOLUTION S, PULSAR, PULSAR M, PULSAR MX, EX RT

Single-phase Service Plan Features	Factory Warranty	Warranty+ Extended Warranty Depot Repair	Flex On-site	PowerTrust On-site
Comprehensive coverage of the UPS and standard batteries	•	•	•	•
Telephone technical support	•	•	•	•
eNotify Remote Monitoring <sup>4</sup>			•	•
Connectivity support	•	•	•	•
Expedited delivery of replacement parts, modules and batteries		•	•	•
On-site startup <sup>1</sup>			•	•
On-site corrective maintenance <sup>1</sup>			•	•
Next-day 24-hr response <sup>2</sup>			•	•
Annual UPS preventive maintenance <sup>3</sup>				•
Annual battery preventive maintenance <sup>3</sup>				•

1. On-site startup and corrective maintenance service is 7x24.
2. Unit must be within 100 miles of Eaton established service location to qualify for 24-hr response.
3. Initial startup serves as the annual PM service for the first year of operation. Subsequent annual PM services are scheduled on request from customer beginning in the second year of operation.
4. eNotify Remote Monitoring service requires Web card and EMP, not included in PowerTrust and Flex contract price.

# SERVICES

## Three-phase Service Plans Overview

Eaton's three-phase UPS service options, provide the system uptime, convenience and value that's right for you and your business. You can leverage on-site services to meet your specific site or application needs for UPSs, batteries and related equipment. With 240 customer service engineers in North America, we have more factory trained personnel than any other UPS manufacturer and customers consistently rank our service number one in quality.

Three-phase Service Plan Features	PowerTrust	PowerTrust Value
Parts and Labor for Electronics	•	•
Parts and Labor for Batteries	o	o
5x8 On-Site Corrective Maintenance		•
7x24 On-Site Corrective Maintenance	•	
Next Business Day Response		•
8-Hour Response	•	
4-Hour Response	o	
2-Hour Response	o	
5x8 UPS Preventive Maintenance Visit	1 per year	1 per year
7x24 UPS Preventive Maintenance Visit	o	o
Battery Preventive Maintenance Visit	1 per year	o
eNotify Remote Monitoring Service	•	
Discounted Spare Parts & Upgrade Kits & T&M	30%	

• Included feature    o Optional feature

Eaton's most popular on-site UPS support plans come standard with the above features. PowerTrust plans include scheduled preventive maintenance. Additional preventive maintenance visits can be added to any packaged plan. eNotify parts are not included with PowerTrust service plan purchase. Start-up is purchased separately for Eaton BladeUPS, RPP and 9355. Eaton 9390 includes a 5x8 startup.

# SERVICES

## TIME AND MATERIAL SERVICE RATE SCHEDULE

The following rate schedule applies to all services rendered on non-contracted and non-warranty equipment and to all services performed on contracted equipment where the service performed is outside the scope of the contracted coverage.

Standard Service Rates	
<b>1. Labor</b>	
<b>A. Business hours service</b> 8 a.m.–5 p.m.; Mon–Fri	\$178 per hour
<b>B. Evenings, weekends, holidays</b>	\$288 per hour
<b>2. Materials/Spare Parts</b>	Current List Price  Shipping: actual minimum billing: \$100 domestic, \$250 International, plus freight
<b>3. Minimum Billing</b>	UPS and Power System Equipment below 200 kVA
A. Five-day or less response	4-hour minimum charge
B. Two-day or less response	Not applicable
<b>4. Calculation of Charges</b>	UPS and Power System Equipment 200 kVA and above or Multi Module
<b>5. Travel</b>	Portal to portal (travel time and mileage) Transportation: Automobile \$0.70 per mile All others: actual
<b>6. Living</b>	Lodging and meals: actual Car rental: actual Misc. (tolls, etc.): actual
<b>7. Parts Expedite Fees</b>	M–F, Eastern Time: \$100 M–F, after hours: \$250 Weekends and holidays: \$400  Freight – FOB Factory: actual Same-day delivery: \$150 + actual freight
<b>8. Depot Repair Labor</b>	\$110 per hour Minimum billing: \$110 Expediting fee: \$100

# SERVICES

## eNotify Remote Monitoring

eNotify Remote Monitoring features 7x24 real-time monitoring of 100+ UPS and battery alarms, with technical experts available to respond immediately and resolve many issues remotely. With eNotify Remote Monitoring software, processors and firmware inside the UPS collect performance data and send status messages to Eaton's Remote Monitoring Command Center. eNotify evaluates the health of your UPS by comparing current and historical performance data with specified parameters. The analyzed data is then used to make accurate performance reports of UPS status. Monthly email reports detail UPS performance and alarm history.



eNotify monthly reports



Eaton's eNotify Remote Monitoring Command Center

### SELF-INSTALLING ENOTIFY

A Quick Start Guide and self-installation wizard tool are available on both the Software Suite CD and online at [www.eaton.com/enotify](http://www.eaton.com/enotify). This self-installation process takes as little as 10 minutes to complete.

*To activate eNotify, customers must have a ConnectUPS Web/SNMP card and an Environmental Monitoring Probe (EMP).*

## EATON UPS BATTERIES

### All Batteries Are Not Created Equal



Did you know that battery failure is the number one cause of load loss and system downtime? The single-most critical element of UPS performance is battery quality. All it takes is one bad battery to bring your systems down during a power outage or other interruption.

Battery performance varies greatly from one manufacturer to another. Making the wrong decision on batteries can have a serious impact on UPS uptime reliability, causing potentially devastating consequences from power interruptions.

That's why Eaton offers a line of qualified premium batteries for use with Eaton UPS models. Eaton UPS qualified batteries must adhere to Eaton's stringent battery tests and quality specifications.

#### Benefits of Eaton Batteries

Eaton continuously scans the globe to ensure the highest-quality batteries are available and qualified for use. As new batteries are introduced, we apply a proven qualification process, testing them with our products to verify that they meet or exceed manufacturer specifications and supply maximum runtime.

Using Eaton-qualified batteries gives your customers confidence that their batteries will perform as expected and keep their applications running.

- Batteries are the number one cause of UPS load loss
- One bad battery can ruin an entire string
- Eaton-qualified batteries are backed by a service network of trained and qualified battery customer service engineers

Is your customer willing to risk the availability of their company's mission-critical applications on an unqualified battery?

Eaton batteries offer performance and quality at competitive prices.

#### Battery Replacement

Provide the ultimate in uptime by maintaining your UPS batteries with our battery replacement program. Eliminate potentially devastating downtime by replacing batteries before they fail. See the Eaton Battery Replacement Pricebook on the Eaton Power Quality Salesweb for the most current battery offerings and pricing.



## **RMA POLICY AND PRODUCT WARRANTIES**

### **Sales Returned Merchandise Authorization (RMA) Policy**

Written authority from Eaton must be obtained before any return or credit will be allowed.

Sales RMAs will be issued for new, unused equipment that is:

- A. Within 30 days of original shipment date
- B. Returned in original sealed packaging
- C. Returned in unmodified, untampered, original condition
- D. A current design

#### **Cancellations and Erroneous Orders:**

Any order for standard Eaton products may not be cancelled within thirty days of the date scheduled for shipment/delivery by Eaton. Otherwise the order may be cancelled in accordance with the following:

- Sales RMAs issued for cancellations and erroneous orders will be subject to a minimum 15% restocking/cancellation fee
- Restocking/cancellation fee for standard product will be 15%
- Restocking/cancellation fee for special, custom or configured products will be a minimum of 50%
- The buyer is responsible for both inbound and outbound freight charges

Note: Charges may be waived by mutual agreement between buyer and seller. Proper approval and authorization must be obtained and documented in writing before the transaction is initiated.

#### **Erroneous Shipments:**

Sales RMAs necessary as a result of shipping/order entry errors will be issued and transacted with no charge to the buyer. Eaton will pay inbound freight, and outbound freight will be similar service level as original shipment.

#### **RMA Expiration:**

An RMA is valid for 60 calendar days from date of authorization by Eaton, after which it is subject to cancellation.

#### **Sales Contracts:**

An active Sales Contract with clauses relating to return of product for sales credits may supersede the Sales RMA policy statements above.

To request a Sales RMA please contact:

**800.356.5794**

**e-mail: [salesrma@eaton.com](mailto:salesrma@eaton.com)**

# WARRANTY

## Eaton Corporation Load Protection Guarantee (US and Canada)

### **UPS MODELS: 3105, 5110, 5115, 5125, 5130, 9120, 9125, 9130, 9135, 9140, 9150, 9155, 9170+ AND FERRUPS**

**GUARANTOR:** The Guarantor for the load protection guaranty set forth herein is Eaton Corporation, an Ohio Corporation Company ("Company").

**LIMITED GUARANTY:** This load protection guaranty (this "Guaranty") applies only to the original End-user (the "End-user") of any 3105, 5110, 5115, 5125, 5130, 9120, 9125, 9130, 9135, 9140, 9150, 9155, 9170+ and FERRUPS Products (individually and collectively, the "Product") and cannot be transferred. This Guaranty applies even in the event that the Product is initially sold by Company for resale to an End-User.

**WHAT THIS GUARANTY COVERS:** For the lifetime of the Product, Guarantor promises to repair or replace, at Guarantor's option, the equipment (valued up to the limits shown below\*) that is damaged by an AC power line surge, spike or other transient when properly connected to Guarantor's uninterruptible power system ("UPS"). Reimbursement for or restoration of data loss excluded. This Guaranty applies only if all of the following circumstances arise:

1. The UPS is plugged into properly grounded and wired outlets, using no extension cords, adapters, other ground wires or other electrical connectors;
2. The installation of the UPS complies with all applicable electrical and safety codes described by the National Electric Code (NEC);
3. The UPS was used under normal operating conditions and in accordance with all labels and instructions; and
4. The UPS was not damaged by accident (other than AC power line transient), misuse or abuse.

**\*Cumulative Limits to be paid by Guarantor under this Load Protection Guaranty:**

\$25,000 for UPS Model 3105

\$150,000 for UPS Models 5110, 5115, 5125 and 5130

\$250,000 for UPS Models 9120, 9125, 9130, 9135, 9140, 9150, 9155, 9170+ and FERRUPS products

**WHAT THIS GUARANTY DOES NOT COVER:** Any reimbursement or repair to End-user's equipment does not include reimbursement for or restoration of any data loss. This Guaranty does not cover any defects or damages caused by: (a) failure to properly store the Product before installation, including the charge of batteries no later than the date indicated on the packaging; (b) shipping and delivery of the Product if shipping is FOB Factory; (c) neglect, accident, abuse, misuse, misapplication, or incorrect installation of Product; (d) repair or alteration of Product not authorized in writing by Company personnel or performed by an authorized Company Customer Service Engineer or Agent; (e) improper testing, operation, maintenance, adjustment, or modification of any kind to the Product not authorized in writing by Company personnel or performed by an authorized Company Customer Service Engineer or Agent; or (f) use of the Product under other than normal operating conditions or in a manner inconsistent with the Product's labels or instructions.

**This Guaranty is not valid: (a) unless the End-user returns to Company the Warranty Registration Card or completes the registration form on [www.powerware.com/ProductRegistration](http://www.powerware.com/ProductRegistration) within thirty (30) days of purchase; or (b) if the Product's serial numbers have been removed or are illegible.**

Company shall not be responsible for any charges for testing, checking, removal or installation of any items.

**LIMITATION OF LIABILITY:** THE REMEDIES OF THE END-USER SET FORTH HEREIN ARE EXCLUSIVE AND ARE THE SOLE REMEDIES FOR ANY FAILURE OF COMPANY TO COMPLY WITH ITS OBLIGATIONS HEREUNDER. EXCEPT AS OTHERWISE PROVIDED FOR IN THIS GUARANTY, IN NO EVENT SHALL COMPANY BE LIABLE IN CONTRACT, IN TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY) OR OTHERWISE FOR DAMAGE TO PROPERTY OR EQUIPMENT OTHER THAN THE PRODUCTS, INCLUDING LOSS OF PROFITS OR REVENUE, LOSS OF USE OF PRODUCTS, LOSS OF DATA, COST OF CAPITAL, CLAIMS OF CUSTOMERS OF THE END-USER OR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES WHATSOEVER. THE TOTAL CUMULATIVE LIABILITY OF COMPANY HEREUNDER WHETHER THE CLAIMS ARE BASED IN CONTRACT (INCLUDING INDEMNITY), IN TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY) OR OTHERWISE, SHALL NOT EXCEED THOSE SET FORTH ABOVE.

Company shall not be responsible for failure to provide repair or replacement under this Guaranty due to causes beyond Company's reasonable control.

**END-USER'S OBLIGATIONS:** In order to receive the benefits of this Guaranty, the End-user must use the Product in a normal way; follow the Product's operation and maintenance manual; and protect against further damage to the Product if there is a covered defect.

**OTHER LIMITATIONS:** Company's obligations under this Guaranty are expressly conditioned upon receipt by Company of all payments due to it (including interest charges, if any). During such time as Company has not received payment of any amount due to it for the Product, in accordance with the contract terms under which the Product is sold, Company shall have no obligation under this Guaranty.

**COSTS NOT RELATED TO GUARANTY:** The End-user shall be invoiced for, and shall pay for, all services not expressly provided for by the terms of this Guaranty, including without limitation, site calls involving an inspection that determines no corrective maintenance is required. Any costs for replacement equipment, installation, materials, freight charges, travel expenses or labor of Company representatives outside the terms of this Guaranty will be borne by the End-user.

**TO MAKE A CLAIM:** In the USA, call the Customer Reliability Center 7x24 at 800.356.5737. Outside of the USA, contact your local Eaton product sales or service representative, or call the Customer Reliability Center in the USA at 919.870.3149. For comments or questions about this Load Protection Guaranty, write to the Customer Quality Representative, 3301 Spring Forest Road, Raleigh, North Carolina 27616 USA.

# WARRANTY

## Two-Year Limited Warranty

### **UPS MODELS: 3105, 5110, 5115, 5125, 5130, 9140, 9120, 9125, 9130, 9135 AND FERRUPS UP TO 3.1 kVA (USA AND CANADA)**

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**WARRANTOR:** The warrantor for the limited warranties set forth herein is Eaton Corporation, an Ohio Corporation company (“Company”).

**LIMITED WARRANTY:** This limited warranty (this “Warranty”) applies only to the original End-user (the “End-user”) of any 3105, 5110, 5115, 5125, 5130, 9140, 9120, 9125, 9130, 9135 and FERRUPS up to 3.1 kVA Products (individually and collectively, the “Product”) purchased on or after June 1, 2004, and cannot be transferred. This Warranty applies even in the event that the Product is initially sold by Company for resale to an End-user.

**LIMITED WARRANTY PERIOD:** The period covered by this Warranty for Product installed [and currently located] in the fifty (50) United States, the District of Columbia and Canada is twenty-four (24) months from the date of purchase, or thirty (30) months from the date of shipment.

**WHAT THIS LIMITED WARRANTY COVERS:** The warrantor warrants that the Product and battery (individually and collectively, the “Warranted Items”) are free of defects in material and workmanship. If, in the opinion of Company, a Warranted Item is defective and the defect is within the terms of this Warranty, Company’s sole obligation will be to repair or replace such defective Warranted Item (including by providing service, parts and labor, as applicable), at the option of Company.

**PROCEDURES FOR REPAIR OR REPLACEMENT OF WARRANTED ITEMS:** The Warranted Item will be repaired or replaced at a Company site or such other location as determined by Company.

If the Warranted Item is to be replaced by Company, and the End-user supplies a credit card number or purchase order for the value of the replacement product, Company will use commercially reasonable business efforts to ship (via standard ground shipment and at no cost to the End-user) the replacement Warranted Item to the End-user within one (1) business day after Company receives notice of the warranty claim. In such case, the End-user must return (at Company’s expense) the defective Warranted Item to Company in the same packaging as the replacement Warranted Item received by the End-user or as otherwise instructed by Company. If Company does not receive the defective Warranted Item, Company will either charge the End-user’s credit card, or send the End-user an invoice (which the End-user agrees to pay), for the value of the replacement product.

If the Warranted Item is to be replaced by Company, but the End-user is unwilling or unable to supply a credit card number or purchase order for the value of the replacement product, Company will use commercially reasonable business efforts to ship (via standard ground shipment and at no cost to the End-user) the replacement Warranted Item to the End-user within one (1) business day after Company receives the defective product from the End-user.

In any case, Company will provide shipping instructions and will pay its designated carrier for all shipping charges for return of defective equipment and replacement of Warranted Items. Any returned Warranted Item or parts that are replaced may be new or reconditioned. All Warranted Items returned to Company and all parts replaced by Company shall become the property of Company.

**WHAT THIS LIMITED WARRANTY DOES NOT COVER:** This Warranty does not cover any defects or damages caused by: (a) failure to properly store the Product before installation, including the charge of batteries no later than the date indicated on the packaging; (b) shipping and delivery of the Product if shipping is FOB Factory; (c) neglect, accident, abuse, misuse, misapplication or incorrect installation; (d) repair or alteration not authorized in writing by Company personnel or performed by an authorized Company Customer Service Engineer or Agent; (e) improper testing, operation, maintenance, adjustment or modification of any kind not authorized in writing by Company personnel or performed by an authorized Company Customer Service Engineer or Agent; or (f) use of the Product under other than normal operating conditions or in a manner inconsistent with the Product’s labels or instructions.

This Warranty is not valid if the Product’s serial numbers have been removed or are illegible. Any Warranted Items repaired or replaced pursuant to this Warranty will be warranted for the remaining portion of the original Warranty subject to all the terms thereof.



## WARRANTY

### Two-Year Limited Warranty (*continued*)

Company shall not be responsible for any charges for testing, checking, removal or installation of Warranted Items.

**COMPANY DOES NOT WARRANT EQUIPMENT NOT MANUFACTURED BY COMPANY. IF PERMITTED BY THE APPLICABLE MANUFACTURER, COMPANY SHALL PASS THROUGH SUCH MANUFACTURER'S WARRANTIES TO END-USER.**

**COMPANY DOES NOT WARRANT SOFTWARE, INCLUDING SOFTWARE EMBEDDED IN PRODUCTS, THAT IS NOT CREATED BY COMPANY. WITHOUT LIMITING THE FOREGOING, COMPANY SPECIFICALLY DOES NOT WARRANT SOFTWARE (SUCH AS LINUX) THAT WAS CREATED USING AN "OPEN SOURCE" MODEL OR IS DISTRIBUTED PURSUANT TO AN OPEN SOURCE LICENSE.**

**THIS WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY OFFERED BY COMPANY WITH RESPECT TO THE PRODUCTS AND SERVICES AND, EXCEPT FOR SUCH FOREGOING WARRANTY COMPANY DISCLAIMS ALL OTHER WARRANTIES INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY, TITLE, NON-INFRINGEMENT AND FITNESS FOR A PARTICULAR PURPOSE. CORRECTION OF NON-CONFORMITIES IN THE MANNER AND FOR THE PERIOD OF TIME PROVIDED ABOVE SHALL CONSTITUTE COMPANY'S SOLE LIABILITY AND END-USER'S EXCLUSIVE REMEDY FOR FAILURE OF COMPANY TO MEET ITS WARRANTY OBLIGATIONS, WHETHER CLAIMS OF THE END-USER ARE BASED IN CONTRACT, IN TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY) OR OTHERWISE.**

**LIMITATION OF LIABILITY:** The remedies of the End-user set forth herein are exclusive and are the sole remedies for any failure of Company to comply with its obligations hereunder. In no event shall Company be liable in contract, in tort (including negligence or strict liability) or otherwise for damage to property or equipment other than the Products, including loss of profits or revenue, loss of use of Products, loss of data, cost of capital, claims of customers of the End-user or any special, indirect, incidental or consequential damages whatsoever. The total cumulative liability of Company hereunder whether the claims are based in contract (including indemnity), in tort (including negligence or strict liability) or otherwise, shall not exceed the price of the Product on which such liability is based.

Company shall not be responsible for failure to provide service or parts due to causes beyond Company's reasonable control.

**END-USER'S OBLIGATIONS:** In order to receive the benefits of this Warranty, the End-user must use the Product in a normal way; follow the Product's operation and maintenance manual; and protect against further damage to the Product if there is a covered defect.

**OTHER LIMITATIONS:** Company's obligations under this Warranty are expressly conditioned upon receipt by Company of all payments due to it (including interest charges, if any). During such time as Company has not received payment of any amount due to it for the Product, in accordance with the contract terms under which the Product is sold, Company shall have no obligation under this Warranty. Also during such time, the period of this Warranty shall continue to run and the expiration of this Warranty shall not be extended upon payment of any overdue or unpaid amounts.

**COSTS NOT RELATED TO WARRANTY:** The End-user shall be invoiced for, and shall pay for, all services not expressly provided for by the terms of this Warranty, including without limitation, site calls involving an inspection that determines no corrective maintenance is required. Any costs for replacement equipment, installation, materials, freight charges, travel expenses or labor of Company representatives outside the terms of this Warranty will be borne by the End-user.

**OBTAINING WARRANTY SERVICE:** In the USA, call the Customer Reliability Center 7x24 at 800.843.9433. Outside of the USA, contact your local Eaton product sales or service representative, or call the Customer Reliability Center in the USA at 919.870.3028. For comments or questions about this Warranty, write to the Customer Quality Representative, 3301 Spring Forest Road, Raleigh, North Carolina 27616 USA.

# WARRANTY

## Two-Year Limited Warranty

### **UPS MODELS: 9155, 9170+ AND FERRUPS 4.3–18 kVA (USA AND CANADA)**

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**WARRANTOR:** The warrantor for the limited warranties set forth herein is Eaton Corporation, an Ohio Corporation company (“Company”).

**LIMITED WARRANTY:** This limited warranty (this “Warranty”) applies only to the original end-user (the “End-user”) of any 9155, 9170+ and FERRUPS 4.3–18 kVA Products (individually and collectively, the “Product”) purchased on or after June 1, 2004, and cannot be transferred. This Warranty applies even in the event that the Product is initially sold by Company for resale to an End-user.

**LIMITED WARRANTY PERIOD:** The period covered by this Warranty for Product installed [and currently located] in the fifty (50) United States, the District of Columbia and Canada is twenty-four (24) months from the date of purchase for parts, or thirty (30) months from the date of shipment for parts, and ninety (90) days from the date of purchase for labor, as further clarified in the following sections.

**WHAT THIS LIMITED WARRANTY COVERS:** The warrantor warrants that the Product and battery (individually and collectively, the “Warranted Items”) are free of defects in material and workmanship. If, in the opinion of Company, a Warranted Item is defective and the defect is within the terms of this Warranty, Company’s sole obligation will be to repair or replace such defective Warranted Items (including by providing service, parts and labor, as applicable), at the option of Company, and such repair or replacement shall be at either the End-user’s location, Company’s site, or such other location as determined by Company. All Warranted Items returned to Company and all parts replaced by Company shall become the property of Company. Expenses for any labor to repair the Warranted Item beyond the initial ninety (90) days are the sole responsibility of the End-user.

**PROCEDURES FOR REPAIR OR REPLACEMENT OF WARRANTED ITEMS:** When shipment is required of End-user: When Company determines that the Warranted Item will be repaired or replaced at a Company site or such other location, and the End-user must ship to Company the defective Warranted Item, the following procedures are required.

If the Warranted Item is to be replaced by Company, and the End-user supplies a credit card number or purchase order for the value of the replacement product, Company will use commercially reasonable business efforts to ship (via standard ground shipment and at no cost to the End-user) the replacement Warranted Item to the End-user within one (1) business day after Company receives notice of the warranty claim. In such case, the End-user must return (at Company’s expense) the defective Warranted Item to Company in the same packaging as the replacement Warranted Item received by the End-user or as otherwise instructed by Company. If Company does not receive the defective Warranted Item, Company will either charge the End-user’s credit card, or send the End-user an invoice (which the End-user agrees to pay), for the value of the replacement product.

If the Warranted Item is to be replaced by Company, but the End-user is unwilling or unable to supply a credit card number or purchase order for the value of the replacement product, Company will use commercially reasonable business efforts to ship (via standard ground shipment and at no cost to the End-user) the replacement Warranted Item to the End-user within one (1) business day after Company receives the defective product from the End-user.

In any case, Company will provide shipping instructions and will pay its designated carrier for all shipping charges for return of defective equipment and replacement of Warranted Items. Any returned Warranted Item or parts that are replaced may be new or reconditioned. All Warranted Items returned to Company and all parts replaced by Company shall become the property of Company.

**WHAT THIS LIMITED WARRANTY DOES NOT COVER:** This Warranty does not cover any defects or damages caused by: (a) failure to properly store the Product before installation, including the charge of batteries no later than the date indicated on the packaging; (b) shipping and delivery of the Product if shipping is FOB Factory; (c) neglect, accident, abuse, misuse, misapplication or incorrect installation; (d) repair or alteration not authorized in writing by Company personnel or performed by an authorized Company Customer Service Engineer or Agent; (e) improper testing, operation, maintenance, adjustment or modification of any kind not authorized in writing by Company personnel or performed by an authorized Company Customer Service Engineer or Agent; or (f) use of the Product under other than normal operating conditions or in a manner inconsistent with the Product’s labels or instructions.

This Warranty is not valid if the Product’s serial numbers have been removed or are illegible. Any Warranted Items repaired or replaced pursuant to this Warranty will be warranted for the remaining portion of the original Warranty subject to all the terms thereof.

Company shall not be responsible for any charges for testing, checking, removal or installation of Warranted Items.

## WARRANTY

### Two-Year Limited Warranty (*continued*)

**COMPANY DOES NOT WARRANT EQUIPMENT NOT MANUFACTURED BY COMPANY. IF PERMITTED BY THE APPLICABLE MANUFACTURER, COMPANY SHALL PASS THROUGH SUCH MANUFACTURER'S WARRANTIES TO END-USER.**

**COMPANY DOES NOT WARRANT SOFTWARE, INCLUDING SOFTWARE EMBEDDED IN PRODUCTS, THAT IS NOT CREATED BY COMPANY. WITHOUT LIMITING THE FOREGOING, COMPANY SPECIFICALLY DOES NOT WARRANT SOFTWARE (SUCH AS LINUX) THAT WAS CREATED USING AN "OPEN SOURCE" MODEL OR IS DISTRIBUTED PURSUANT TO AN OPEN SOURCE LICENSE.**

**THIS WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY OFFERED BY COMPANY WITH RESPECT TO THE PRODUCTS AND SERVICES AND, EXCEPT FOR SUCH FOREGOING WARRANTY COMPANY DISCLAIMS ALL OTHER WARRANTIES INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY, TITLE, NON-INFRINGEMENT AND FITNESS FOR A PARTICULAR PURPOSE. CORRECTION OF NON-CONFORMITIES IN THE MANNER AND FOR THE PERIOD OF TIME PROVIDED ABOVE SHALL CONSTITUTE COMPANY'S SOLE LIABILITY AND END-USER'S EXCLUSIVE REMEDY FOR FAILURE OF COMPANY TO MEET ITS WARRANTY OBLIGATIONS, WHETHER CLAIMS OF THE END-USER ARE BASED IN CONTRACT, IN TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY), OR OTHERWISE.**

**LIMITATION OF LIABILITY:** The remedies of the End-user set forth herein are exclusive and are the sole remedies for any failure of Company to comply with its obligations hereunder. In no event shall Company be liable in contract, in tort (including negligence or strict liability) or otherwise for damage to property or equipment other than the Products, including loss of profits or revenue, loss of use of Products, loss of data, cost of capital, claims of customers of the End-user or any special, indirect, incidental or consequential damages whatsoever. The total cumulative liability of Company hereunder whether the claims are based in contract (including indemnity), in tort (including negligence or strict liability) or otherwise, shall not exceed the price of the Product on which such liability is based.

Company shall not be responsible for failure to provide service or parts due to causes beyond Company's reasonable control.

**END-USER'S OBLIGATIONS:** In order to receive the benefits of this Warranty, the End-user must use the Product in a normal way; follow the Product's operation and maintenance manual; and protect against further damage to the Product if there is a covered defect.

**OTHER LIMITATIONS:** Company's obligations under this Warranty are expressly conditioned upon receipt by Company of all payments due to it (including interest charges, if any). During such time as Company has not received payment of any amount due to it for the Product, in accordance with the contract terms under which the Product is sold, Company shall have no obligation under this Warranty. Also during such time, the period of this Warranty shall continue to run and the expiration of this Warranty shall not be extended upon payment of any overdue or unpaid amounts.

**COSTS NOT RELATED TO WARRANTY:** The End-user shall be invoiced for, and shall pay for, all services not expressly provided for by the terms of this Warranty, including without limitation, site calls involving an inspection that determines no corrective maintenance is required. Any costs for replacement equipment, installation, materials, freight charges, travel expenses or labor of Company representatives outside the terms of this Warranty will be borne by the End-user.

**OBTAINING WARRANTY SERVICE:** In the USA, call the Customer Reliability Center 7x24 at 800.843.9433. Outside of the USA, contact your local Eaton product sales or service representative, or call the Customer Reliability Center in the USA at 919.870.3028. For comments or questions about this Warranty, write to the Customer Quality Representative, 3301 Spring Forest Road, Raleigh, North Carolina 27616 USA.

# WARRANTY

## Limited Warranty (Global)

### UPS MODEL: BLADEUPS

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**WARRANTOR:** The warrantor for the limited warranties set forth herein is Eaton Corporation, an Ohio Corporation (“Eaton”).

**LIMITED WARRANTY:** This limited warranty (this “Warranty”) applies only to the original Purchaser (the “End-user”) of any BladeUPS Products (individually and collectively, the “Product”) purchased and registered with Eaton and cannot be transferred. This restriction applies even in the event that the Product is initially sold by Eaton for resale to an End-user. This Warranty gives you specific legal rights, and you may also have other rights which vary from State to State (or jurisdiction to jurisdiction).

**LIMITED WARRANTY PERIOD:** The period covered by this Warranty for the Product is eighteen (18) months from date of Product shipment.

**WHAT THIS LIMITED WARRANTY COVERS:** Eaton warrants that the Product and battery (individually and collectively, the “Warranted Items”) are free of defects in material and workmanship. If, in the opinion of Eaton, a Warranted Item is defective and the defect is within the terms of this Warranty, Eaton’s sole obligation will be to repair or replace such defective Warranted Item (including providing service, parts and labor, as applicable), at the option of Eaton.

**PROCEDURES FOR REPAIR OR REPLACEMENT OF WARRANTED ITEMS:** The Warranted Item will be repaired or replaced at an Eaton site or such other location as determined by Eaton.

If the Warranted Item is to be replaced by Eaton, and the End-user supplies a credit card number or purchase order for the value of the replacement product, Eaton will use commercially reasonable business efforts to ship (via standard ground shipment and at no cost to the End-user) the replacement Warranted Item to the End-user within one (1) business day after Eaton receives notice of the warranty claim. In such case, the End-user must return (at Eaton’s expense) the defective Warranted Item to Eaton in the same packaging as the replacement Warranted Item received by the End-user or as otherwise instructed by Eaton. If Eaton does not receive the defective Warranted Item, Eaton will either charge the End-user’s credit card, or send the End-user an invoice (which the End-user agrees to pay), for the value of the replacement product.

If the Warranted Item is to be replaced by Eaton, but the End-user is unwilling or unable to supply a credit card number or purchase order for the value of the replacement product, Eaton will use commercially reasonable business efforts to ship (via standard ground shipment and at no cost to the End-user) the replacement Warranted Item to the End-user within one (1) business day after Eaton receives the defective product from the End-user.

In any case, Eaton will provide shipping instructions and will pay its designated carrier for all shipping charges for return of defective equipment and replacement of Warranted Items. Any returned Warranted Item or parts that are replaced may be new or re-conditioned. All Warranted Items returned to Eaton and, in any replacement endeavor, all parts removed by Eaton shall become the property of Eaton.

**WHAT THIS LIMITED WARRANTY DOES NOT COVER:** This Warranty does not cover any defects or damages caused by: (a) failure to properly store the Product before installation, including the charge of batteries no later than the date indicated on the packaging; (b) shipping and delivery of the Product if shipping is FOB Factory; (c) damage caused by fire, flood, lightning, vandalism, acts of God, End-user’s neglect, misuse, misapplication, incorrect connection or external damage; or that has been subject to repair or alteration by End-user (or a third party) not authorized by Eaton in writing; (d) repair or alteration not performed by an authorized Eaton Customer Service Engineer or Agent; (e) improper testing, operation, maintenance, adjustment or modification of any kind not authorized in writing by Eaton personnel or performed by an authorized Eaton Customer Service Engineer or Agent; or (f) use of the Product under other than normal operating conditions or in a manner inconsistent with the Product’s labels or instructions.

This Warranty is not valid if the Product’s serial numbers have been removed or are illegible. Any Warranted Items repaired or replaced pursuant to this Warranty will be warranted for the remaining portion of the original Warranty subject to all the terms thereof.

Eaton shall not be responsible for any charges for testing, checking, removal or installation of Warranted Items.

**EATON DOES NOT WARRANT EQUIPMENT NOT MANUFACTURED BY EATON. IF PERMITTED BY THE APPLICABLE MANUFACTURER, EATON SHALL PASS THROUGH SUCH MANUFACTURER’S WARRANTIES TO END-USER.**

# WARRANTY

## Limited Warranty (Global) *(continued)*

**EATON DOES NOT WARRANT SOFTWARE, INCLUDING SOFTWARE EMBEDDED IN PRODUCTS, THAT IS NOT CREATED BY EATON. WITHOUT LIMITING THE FOREGOING, EATON SPECIFICALLY DOES NOT WARRANT SOFTWARE (SUCH AS LINUX) THAT WAS CREATED USING AN "OPEN SOURCE" MODEL OR IS DISTRIBUTED PURSUANT TO AN OPEN SOURCE LICENSE.**

**THIS WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY OFFERED BY EATON WITH RESPECT TO THE PRODUCTS AND SERVICES AND, EXCEPT FOR SUCH FOREGOING WARRANTY EATON DISCLAIMS ALL OTHER WARRANTIES INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY, TITLE, NON-INFRINGEMENT AND FITNESS FOR A PARTICULAR PURPOSE. CORRECTION OF NON-CONFORMITIES IN THE MANNER AND FOR THE PERIOD OF TIME PROVIDED ABOVE SHALL CONSTITUTE EATON'S SOLE LIABILITY AND END-USER'S EXCLUSIVE REMEDY FOR FAILURE OF EATON TO MEET ITS WARRANTY OBLIGATIONS, WHETHER CLAIMS OF THE END-USER ARE BASED IN CONTRACT, IN TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY) OR OTHERWISE. SOME STATES OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF EXPRESS OR IMPLIED WARRANTIES, SO THE ABOVE EXCLUSION MAY NOT APPLY TO YOU. IN THAT EVENT, SUCH WARRANTIES ARE LIMITED IN DURATION TO THE LIMITED WARRANTY PERIOD. SOME STATES OR JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND/OR EXCLUSIONS MAY NOT APPLY TO YOU.**

**LIMITATION OF LIABILITY:** The remedies of the End-user set forth herein are exclusive and are the sole remedies for any failure of Eaton to comply with its obligations hereunder. In no event shall Eaton be liable for any indirect, incidental, special or consequential damages of any kind or type whatsoever, resulting from or in connection with any claim or cause of action, whether brought in contract or in tort (including negligence or strict liability). Some States or jurisdictions do not allow the exclusion of limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Eaton shall not be responsible for failure to provide service or parts due to causes beyond Eaton's reasonable control. In no case will Eaton's liability under this Warranty exceed the replacement value of the Warranted Items.

**END-USER'S OBLIGATIONS:** In order to receive the benefits of this Warranty, the End-user must register the product warranty (via mail or online at [www.eaton.com/powerquality](http://www.eaton.com/powerquality) "warranty registration"); use the Product in a normal way; follow the Product's operation and maintenance manual; and protect against further damage to the Product if there is a covered defect.

**OTHER LIMITATIONS:** Eaton's obligations under this Warranty are expressly conditioned upon receipt by Eaton of all payments due from End-user (including interest charges, if any). During such time as Eaton has not received payment of any amount due to it for the Product, in accordance with the contract terms under which the Product is sold, Eaton shall have no obligation under this Warranty. Also during such time, the period of this Warranty shall continue to run and the expiration of this Warranty shall not be extended upon payment of any overdue or unpaid amounts.

**COSTS NOT RELATED TO WARRANTY:** The End-user shall be invoiced for, and shall pay for, all services not expressly provided for by the terms of this Warranty, including without limitation, site calls involving an inspection that determines no corrective maintenance is required. Any costs for replacement equipment, installation, materials, freight charges, travel expenses or labor of Eaton representatives outside the terms of this Warranty will be borne by the End-User.

**OBTAINING WARRANTY SERVICE:** In the United States, call the Customer Reliability Center 7x24 at 800.356.5737. Outside of the United States, contact your local Eaton product sales or service representative, or call the Customer Reliability Center in the United States at 919.870.3028. For comments or questions about this Warranty, write to the Customer Quality Representative, 3301 Spring Forest Road, Raleigh, North Carolina 27616 USA.

# WARRANTY

## Two-Year Limited Warranty (USA and Canada)

### CONNECTIVITY DEVICES

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**WARRANTOR:** The warrantor for the limited warranties set forth herein is Eaton Corporation, an Ohio Corporation Company (“Company”).

**LIMITED WARRANTY:** This limited warranty (this “Warranty”) applies only to the original End-user (the “End-user”) of any 3, 5 and 9 series Connectivity Devices (the “Product”) purchased on or after June 1, 2004, and cannot be transferred. This Warranty applies even in the event that the Product is initially sold by Company for resale to an End-user.

**LIMITED WARRANTY PERIOD:** The period covered by this Warranty for the Product installed [and currently located] in the fifty (50) United States, the District of Columbia, and Canada is twenty-four (24) months from the date of purchase.

**WHAT THIS LIMITED WARRANTY COVERS:** The warrantor warrants that the Product (the “Warranted Item”) is free from defects in material and workmanship. If, in the opinion of Company, a Warranted Item is defective and the defect is within the terms of this Warranty, Company’s sole obligation will be to repair or replace such defective Warranted Item (including by providing service, parts and labor, as applicable), at the option of Company.

**PROCEDURES FOR REPAIR OR REPLACEMENT OF WARRANTED ITEMS:** The Warranted Item will be repaired or replaced at a Company site or such other location as determined by Company.

If the Warranted Item is to be replaced by Company, and the End-user supplies a credit card number or purchase order for the value of the replacement Product, Company will use commercially reasonable business efforts to ship (via standard ground shipment and at no cost to the End-user) the replacement Warranted Item to the End-user within one (1) business day after Company receives notice of the warranty claim. In such case, the End-user must return (at Company’s expense) the defective Warranted Item to Company in the same packaging as the replacement Warranted Item received by the End-user or as otherwise instructed by Company. If Company does not receive the defective Warranted Item, Company will either charge the End-user’s credit card, or send the End-User an invoice (which the End-user agrees to pay), for the value of the replacement Product.

If the Warranted Item is to be replaced by Company, but the End-user is unwilling or unable to supply a credit card number or purchase order for the value of the replacement Product, Company will use commercially reasonable business efforts to ship (via standard ground shipment and at no cost to the End-user) the replacement Warranted Item to the End-user within one (1) business day after Company receives the defective Product from the End-user.

In any case, Company will provide shipping instructions and will pay its designated carrier for all shipping charges for return of defective equipment and replacement of Warranted Items. Any returned Warranted Item or parts that are replaced may be new or reconditioned. All Warranted Items returned to Company and all parts replaced by Company shall become the property of Company.

**WHAT THIS LIMITED WARRANTY DOES NOT COVER:** This Warranty does not cover any defects or damages caused by: (a) failure to properly store the Product before installation; (b) shipping and delivery of the Product if shipping is FOB Factory; (c) neglect, accident, abuse, misuse, misapplication or incorrect installation; (d) repair or alteration not authorized in writing by Company personnel or performed by an authorized Company Customer Service Engineer or Agent; (e) improper testing, operation, maintenance, adjustment or modification of any kind not authorized in writing by Company personnel or performed by an authorized Company Customer Service Engineer or Agent; or (f) use of the Product under other than normal operating conditions or in a manner inconsistent with the Product’s labels or instructions.

This Warranty is not valid if the Product’s serial numbers have been removed or are illegible. Any Warranted Items repaired or replaced pursuant to this Warranty will be warranted for the remaining portion of the original Warranty subject to all the terms thereof.

Company shall not be responsible for any charges for testing, checking, removal or installation of Warranted Items.

**COMPANY DOES NOT WARRANT EQUIPMENT NOT MANUFACTURED BY COMPANY. IF PERMITTED BY THE APPLICABLE MANUFACTURER,**

**COMPANY SHALL PASS THROUGH SUCH MANUFACTURER’S WARRANTIES TO END-USER.**

**COMPANY DOES NOT WARRANT SOFTWARE (IF APPLICABLE TO THE PRODUCT), INCLUDING SOFTWARE EMBEDDED IN PRODUCTS, THAT IS NOT CREATED BY COMPANY. WITHOUT LIMITING THE FOREGOING, COMPANY SPECIFICALLY DOES NOT WARRANT SOFTWARE (SUCH AS LINUX) THAT WAS CREATED USING AN “OPEN SOURCE” MODEL OR IS DISTRIBUTED PURSUANT TO AN OPEN SOURCE LICENSE.**

## WARRANTY

### Two-Year Limited Warranty (USA and Canada) *(continued)*

**COMPANY DOES NOT WARRANT SOFTWARE (IF APPLICABLE TO THE PRODUCT), INCLUDING SOFTWARE EMBEDDED IN PRODUCTS, THAT IS NOT CREATED BY COMPANY. WITHOUT LIMITING THE FOREGOING, COMPANY SPECIFICALLY DOES NOT WARRANT SOFTWARE (SUCH AS LINUX) THAT WAS CREATED USING AN "OPEN SOURCE" MODEL OR IS DISTRIBUTED PURSUANT TO AN OPEN SOURCE LICENSE.**

**THIS WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY OFFERED BY COMPANY WITH RESPECT TO THE PRODUCTS AND SERVICES AND, EXCEPT FOR SUCH FOREGOING WARRANTY COMPANY DISCLAIMS ALL OTHER WARRANTIES INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY, TITLE, NON-INFRINGEMENT, AND FITNESS FOR A PARTICULAR PURPOSE. CORRECTION OF NON-CONFORMITIES IN THE MANNER AND FOR THE PERIOD OF TIME PROVIDED ABOVE SHALL CONSTITUTE COMPANY'S SOLE LIABILITY AND END-USER'S EXCLUSIVE REMEDY FOR FAILURE OF COMPANY TO MEET ITS WARRANTY OBLIGATIONS, WHETHER CLAIMS OF THE END-USER ARE BASED IN CONTRACT, IN TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY), OR OTHERWISE.**

**LIMITATION OF LIABILITY:** The remedies of the End-user set forth herein are exclusive and are the sole remedies for any failure of Company to comply with its obligations hereunder. In no event shall Company be liable in contract, in tort (including negligence or strict liability) or otherwise for damage to property or equipment other than the Products, including loss of profits or revenue, loss of use of Products, loss of data, cost of capital, claims of customers of the End-user or any special, indirect, incidental or consequential damages whatsoever. The total cumulative liability of Company hereunder whether the claims are based in contract (including indemnity), in tort (including negligence or strict liability) or otherwise, shall not exceed the price of the Product on which such liability is based.

Company shall not be responsible for failure to provide service or parts due to causes beyond Company's reasonable control.

**END-USER'S OBLIGATIONS:** In order to receive the benefits of this Warranty, the End-user must use the Product in a normal way; follow the Product's user's guide; and protect against further damage to the Product if there is a covered defect.

**OTHER LIMITATIONS:** Company's obligations under this Warranty are expressly conditioned upon receipt by Company of all payments due to it (including interest charges, if any). During such time as Company has not received payment of any amount due to it for the Product, in accordance with the contract terms under which the Product is sold, Company shall have no obligation under this Warranty. Also during such time, the period of this Warranty shall continue to run and the expiration of this Warranty shall not be extended upon payment of any overdue or unpaid amounts.

**COSTS NOT RELATED TO WARRANTY:** The End-User shall be invoiced for, and shall pay for, all services not expressly provided for by the terms of this Warranty, including without limitation, site calls involving an inspection that determines no corrective maintenance is required. Any costs for replacement equipment, installation, materials, freight charges, travel expenses or labor of Company representatives outside the terms of this Warranty will be borne by the End-User.

**OBTAINING WARRANTY SERVICE:** In the USA, call the Customer Reliability Center 7x24 at 800.356.5737. Outside of the USA, contact your local product sales or service representative, or call the Customer Reliability Center in the USA at 919.870.3149. For comments or questions about this Warranty, write to the Customer Quality Representative, 3301 Spring Forest Road, Raleigh, North Carolina 27616 USA.

# WARRANTY

## Two-Year Limited Warranty (USA and Canada)

### **RACKMOUNTED POWER DISTRIBUTION UNITS**

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**WARRANTOR:** The warrantor for the limited warranties set forth herein is Eaton Corporation, an Ohio Corporation Company (“Company”).

**RACKMOUNTED LIMITED WARRANTY:** This limited warranty (this “Warranty”) applies only to the original End-user (the “End-user”) of any Eaton Rackmounted Power Distribution Units (the “Product”) purchased on or after June 1, 2004, and cannot be transferred. This Warranty applies even in the event that the Product is initially sold by Company for resale to an End-user.

**LIMITED WARRANTY PERIOD:** The period covered by this Warranty for the Product installed [and currently located] in the fifty (50) United States, the District of Columbia and Canada is twenty-four (24) months from the date of purchase.

**WHAT THIS LIMITED WARRANTY COVERS:** The warrantor warrants that the Product (the “Warranted Item”) is free from defects in material and workmanship. If, in the opinion of Company, a Warranted Item is defective and the defect is within the terms of this Warranty, Company’s sole obligation will be to repair or replace such defective Warranted Item (including by providing service, parts and labor, as applicable), at the option of Company.

**PROCEDURES FOR REPAIR OR REPLACEMENT OF WARRANTED ITEMS:** The Warranted Item will be repaired or replaced at a Company site or such other location as determined by Company.

If the Warranted Item is to be replaced by Company, and the End-user supplies a credit card number or purchase order for the value of the replacement Product, Company will use commercially reasonable business efforts to ship (via standard ground shipment and at no cost to the End-user) the replacement Warranted Item to the End-user within one (1) business day after Company receives notice of the warranty claim. In such case, the End-user must return (at Company’s expense) the defective Warranted Item to Company in the same packaging as the replacement Warranted Item received by the End-user or as otherwise instructed by Company. If Company does not receive the defective Warranted Item, Company will either charge the End-user’s credit card, or send the End-user an invoice (which the End-user agrees to pay), for the value of the replacement Product.

If the Warranted Item is to be replaced by Company, but the End-user is unwilling or unable to supply a credit card number or purchase order for the value of the replacement Product, Company will use commercially reasonable business efforts to ship (via standard ground shipment and at no cost to the End-user) the replacement Warranted Item to the End-user within one (1) business day after Company receives the defective Product from the End-user.

In any case, Company will provide shipping instructions and will pay its designated carrier for all shipping charges for return of defective equipment and replacement of Warranted Items. Any returned Warranted Item or parts that are replaced may be new or reconditioned. All Warranted Items returned to Company and all parts replaced by Company shall become the property of Company.

**WHAT THIS LIMITED WARRANTY DOES NOT COVER:** This Warranty does not cover any defects or damages caused by: (a) failure to properly store the Product before installation; (b) shipping and delivery of the Product if shipping is FOB Factory; (c) neglect, accident, abuse, misuse, misapplication or incorrect installation; (d) repair or alteration not authorized in writing by Company personnel or performed by an authorized Company Customer Service Engineer or Agent; (e) improper testing, operation, maintenance, adjustment or modification of any kind not authorized in writing by Company personnel or performed by an authorized Company Customer Service Engineer or Agent; or (f) use of the Product under other than normal operating conditions or in a manner inconsistent with the Product’s labels or instructions.

This Warranty is not valid if the Product’s serial numbers have been removed or are illegible. Any Warranted Items repaired or replaced pursuant to this Warranty will be warranted for the remaining portion of the original Warranty subject to all the terms thereof.

Company shall not be responsible for any charges for testing, checking, removal or installation of Warranted Items.

**COMPANY DOES NOT WARRANT EQUIPMENT NOT MANUFACTURED BY COMPANY. IF PERMITTED BY THE APPLICABLE MANUFACTURER, COMPANY SHALL PASS THROUGH SUCH MANUFACTURER’S WARRANTIES TO END-USER.**

**COMPANY DOES NOT WARRANT SOFTWARE (IF APPLICABLE TO THE PRODUCT), INCLUDING SOFTWARE EMBEDDED IN PRODUCTS, THAT IS NOT CREATED BY COMPANY. WITHOUT LIMITING THE FOREGOING, COMPANY SPECIFICALLY DOES NOT WARRANT SOFTWARE (SUCH AS LINUX) THAT WAS CREATED USING AN “OPEN SOURCE” MODEL OR IS DISTRIBUTED PURSUANT TO AN OPEN SOURCE LICENSE.**



## WARRANTY

### Two-Year Limited Warranty (USA and Canada) *(continued)*

**THIS WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY OFFERED BY COMPANY WITH RESPECT TO THE PRODUCTS AND SERVICES AND, EXCEPT FOR SUCH FOREGOING WARRANTY COMPANY DISCLAIMS ALL OTHER WARRANTIES INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY, TITLE, NON-INFRINGEMENT AND FITNESS FOR A PARTICULAR PURPOSE. CORRECTION OF NON-CONFORMITIES IN THE MANNER AND FOR THE PERIOD OF TIME PROVIDED ABOVE SHALL CONSTITUTE COMPANY'S SOLE LIABILITY AND END-USER'S EXCLUSIVE REMEDY FOR FAILURE OF COMPANY TO MEET ITS WARRANTY OBLIGATIONS, WHETHER CLAIMS OF THE END-USER ARE BASED IN CONTRACT, IN TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY), OR OTHERWISE.**

**LIMITATION OF LIABILITY:** The remedies of the End-user set forth herein are exclusive and are the sole remedies for any failure of Company to comply with its obligations hereunder. In no event shall Company be liable in contract, in tort (including negligence or strict liability) or otherwise for damage to property or equipment other than the Products, including loss of profits or revenue, loss of use of Products, loss of data, cost of capital, claims of customers of the End-user or any special, indirect, incidental or consequential damages whatsoever. The total cumulative liability of Company hereunder whether the claims are based in contract (including indemnity), in tort (including negligence or strict liability) or otherwise, shall not exceed the price of the Product on which such liability is based.

Company shall not be responsible for failure to provide service or parts due to causes beyond Company's reasonable control.

**END-USER'S OBLIGATIONS:** In order to receive the benefits of this Warranty, the End-user must use the Product in a normal way; follow the Product's user's guide; and protect against further damage to the Product if there is a covered defect.

**OTHER LIMITATIONS:** Company's obligations under this Warranty are expressly conditioned upon receipt by Company of all payments due to it (including interest charges, if any). During such time as Company has not received payment of any amount due to it for the Product, in accordance with the contract terms under which the Product is sold, Company shall have no obligation under this Warranty. Also during such time, the period of this Warranty shall continue to run and the expiration of this Warranty shall not be extended upon payment of any overdue or unpaid amounts.

**COSTS NOT RELATED TO WARRANTY:** The End-user shall be invoiced for, and shall pay for, all services not expressly provided for by the terms of this Warranty, including without limitation, site calls involving an inspection that determines no corrective maintenance is required. Any costs for replacement equipment, installation, materials, freight charges, travel expenses or labor of Company representatives outside the terms of this Warranty will be borne by the End-user.

**OBTAINING WARRANTY SERVICE:** In the USA, call the Customer Reliability Center 7x24 at 800.356.5737. Outside of the USA, contact your local Eaton product sales or service representative, or call the Customer Reliability Center in the USA at 919.870.3149. For comments or questions about this Warranty, write to the Customer Quality Representative, 3301 Spring Forest Road, Raleigh, North Carolina 27616 USA.

# WARRANTY

## Limited Factory Warranty For Eaton Three-phase UPS Products

### THREE-PHASE PRODUCTS

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**WARRANTOR:** The warrantor for the limited warranties set forth herein is Eaton Corporation, an Ohio Corporation ("Eaton").

**LIMITED WARRANTY:** This limited warranty (this "Warranty") applies only to the original End-user (the "End-user") of the Eaton three-phase UPS Products (the "Product") and cannot be transferred. This Warranty applies even in the event that the Product is initially sold by Eaton for resale to an End-user.

**LIMITED WARRANTY PERIOD:** The period covered by this Warranty for Product installed [and currently located] in the fifty (50) United States and the District of Columbia is twelve (12) months from the date of Product startup or eighteen (18) months from date of Product shipment, whichever occurs first, for parts coverage and 90 days from the date of Product startup for labor coverage. The period covered by this Warranty for Product installed [and currently located] outside of the fifty (50) United States and the District of Columbia is twelve (12) months from the date of Product startup or eighteen (18) months from date of Product shipment, whichever occurs first, for parts coverage.

**WHAT THIS LIMITED WARRANTY COVERS:** The warrantor warrants that the Eaton three-phase UPS electronics, Eaton-built accessories, and Eaton-built battery cabinets, (individually and collectively, the "Warranted Items") are free from defects in material and workmanship. If, in the opinion of Eaton, a Warranted Item is defective and the defect is within the terms of this Warranty, Eaton's sole obligation will be to repair or replace such defective item (including by providing service, parts and labor, as applicable), at the option of Eaton. The Warranted Item will be repaired or replaced onsite at the End-user's location or such other location as determined by Eaton. Any parts that are replaced may be new or reconditioned. All parts replaced by Eaton shall become the property of Eaton.

**WHAT THIS LIMITED WARRANTY DOES NOT COVER:** This Warranty does not cover any defects or damages caused by: (a) failure to properly store the Product before installation, including the "trickle charge" of batteries no later than the date indicated on the packaging; (b) shipping and delivery of the Product if shipping is FOB Factory; (c) neglect, accident, fire, flood, lightning, vandalism, acts of God, Customer's neglect, abuse, misuse, misapplication, incorrect installation; (d) repair or alteration, not authorized in writing by Eaton personnel or performed by an authorized Eaton Customer Service Engineer or Agent; or (e) improper testing, operation, maintenance, adjustment or any modification of any kind not authorized in writing by Eaton personnel or performed by an authorized Eaton Customer Service Engineer or Agent.

**This Warranty is not valid:** (a) unless an authorized Eaton Customer Service Engineer (in USA) or Agent (outside of USA) performs startup and commissioning of the Product; (b) if the Product is moved to a new location by someone other than an authorized Eaton Customer Service Engineer (in USA) or Agent (outside of USA); or (c) if the Product's serial numbers have been removed or are illegible. Any Warranted Items repaired or replaced pursuant to this Warranty will be warranted for the remaining portion of the original Warranty subject to all the terms thereof. Labor warranty is not provided for Product located outside of the fifty (50) United States or the District of Columbia. Any equipment, parts or materials included in the Product and not manufactured by Eaton are warranted solely by the manufacturer of such equipment, parts or materials and are not included as part of this warranty. Batteries are not warranted by Eaton.

**THIS WARRANTY IS THE END-USER'S SOLE REMEDY AND IS EXPRESSLY IN LIEU OF, AND THERE ARE NO OTHER, EXPRESSED OR IMPLIED GUARANTEES OR WARRANTIES (INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED).**

**LIMITATION OF LIABILITY:** In no event shall Eaton be liable for any indirect, incidental, special or consequential damages of any kind or type whatsoever, or based on any claim or cause of action, however denominated. Eaton shall not be responsible for failure to provide service or parts due to causes beyond Eaton's reasonable control. In no case will Eaton's liability under this Warranty exceed the replacement value of the Warranted Items.

**END-USER'S OBLIGATIONS:** In order to receive the benefits of this Warranty, the End-user must use the Product in a normal way; follow the Product's operators and maintenance manual; and protect against further damage to the Product if there is a covered defect.

**OTHER LIMITATIONS:** Eaton's obligations under this Warranty are expressly conditioned upon receipt by Eaton of all payments due to it (including interest charges, if any). During such time as Eaton has not received payment of any amount due to it for the Product, in accordance with the contract terms under which the Product is sold, Eaton shall have no obligation under this Warranty. Also during such time, the period of this Warranty shall continue to run and the expiration of this Warranty shall not be extended upon payment of any overdue or unpaid amounts.

**COSTS NOT RELATED TO WARRANTY:** The End-user shall be invoiced for, and shall pay for, all services not expressly provided for by the terms of this Warranty, including without limitation, site calls involving an inspection that determines no corrective maintenance is required. Any costs for replacement equipment, installation, materials, freight charges, travel expenses or labor of Eaton representatives outside the terms of this Warranty will be borne by the End-user.

**OBTAINING WARRANTY SERVICE:** In the USA, call the Eaton Customer Reliability Center 7x24 at 800.843.9433. Outside of the USA, call your local Eaton sales or service representative, or call the Eaton Customer Reliability Center in the USA at 919.870.3028. For comment or questions about this Limited Factory Warranty, write to the Customer Quality Representative, 3301 Spring Forest Road, Raleigh, North Carolina 27616 USA.

# WARRANTY

## Limited Factory Warranty For Eaton 9355 UPS Products

### 9355

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**WARRANTOR:** The warrantor for the limited warranties set forth herein is Eaton Corporation, an Ohio Corporation ("Eaton").

**LIMITED WARRANTY:** This limited warranty (this "Warranty") applies only to the original End-user (the "End-user") of the 9355 UPS Products (the "Product") and cannot be transferred. This Warranty applies even in the event that the Product is initially sold by Eaton for resale to an End-user.

**WHAT THIS LIMITED WARRANTY COVERS:** The warrantor warrants, within the terms of this Warranty, that the Eaton three-phase UPS electronics, Eaton-built accessories and Eaton-built battery cabinets, (individually and collectively, the "Warranted Items") are free from defects in material and workmanship.

For Product installed (and currently located) in the fifty (50) United States and the District of Columbia, if, in the opinion of Eaton, a Warranted Item is defective, Eaton's sole obligation, at the option of Eaton, will be to refurbish or replace such defective Warranted Item (including the costs of providing diagnosis, service, and labor ["labor coverage"]). The defective Warranted Item will be refurbished or replaced onsite at the End-user's location or such other location as determined by Eaton. Any parts that are replaced may be new or reconditioned. All parts replaced by Eaton shall become the property of Eaton.

For Product installed (and currently located) outside the fifty (50) United States and the District of Columbia, if, in the opinion of Eaton, a Warranted Item is defective, Eaton's sole obligation, at the option of Eaton, will be to refurbish or replace such defective Warranted Item. (not including the costs of labor coverage). The defective Warranted Item will be refurbished or replaced onsite at the End-User's location or such other location as determined by Eaton. Any parts that are replaced may be new or reconditioned. All parts replaced by Eaton shall become the property of Eaton.

**LIMITED WARRANTY PERIOD:**

The period covered by this Warranty for Product installed (and currently located) in the fifty (50) United States and the District of Columbia is ninety (90) days from the date of Product purchase for labor coverage and twelve (12) months from the date of Product purchase or eighteen (18) months from date of Product shipment, whichever occurs first, for the refurbishment/replacement of parts.

The period covered by this Warranty for Product installed (and currently located) outside of the fifty (50) United States and the District of Columbia is twelve (12) months from the date of Product purchase or eighteen (18) months from date of Product shipment, whichever occurs first, for the refurbishment/replacement of parts.

**WHAT THIS LIMITED WARRANTY DOES NOT COVER:**

This Warranty does not cover any defects or damages caused by: (a) failure to properly store the Product before installation, including the "trickle charge" of batteries no later than the date indicated on the packaging; (b) shipping and delivery of the Product if shipping is FOB Factory; (c) neglect, accident, fire, flood, lightning, vandalism, acts of God, Customer's neglect, abuse, misuse, misapplication, incorrect installation; (d) repair or alteration, not authorized in writing by Eaton personnel or performed by an authorized Eaton Customer Service Engineer or Agent; or (e) improper testing, operation, maintenance, adjustment or any modification of any kind not authorized in writing by Eaton personnel or performed by an authorized Eaton Customer Service Engineer or Agent.

This Warranty is not valid: if the Product's serial numbers have been removed or are illegible. Any Warranted Items repaired or replaced pursuant to this Warranty will be warranted for the remaining portion of the original Warranty subject to all the terms thereof. Labor warranty is not provided for Product located outside of the fifty (50) United States or the District of Columbia. **Any equipment, parts or materials included in the Product and not manufactured by Eaton are warranted solely by the manufacturer of such equipment, parts or materials and are not included as part of this warranty. Batteries are not warranted by Eaton.**

**THIS WARRANTY IS THE END-USER'S SOLE REMEDY AND IS EXPRESSLY IN LIEU OF, AND THERE ARE NO OTHER, EXPRESSED OR IMPLIED GUARANTEES OR WARRANTIES (INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED).**

**LIMITATION OF LIABILITY:** In no event shall Eaton be liable for any indirect, incidental, special or consequential damages of any kind or type whatsoever, or based on any claim or cause of action, however denominated. Eaton shall not be responsible for failure to provide service or parts due to causes beyond Eaton's reasonable control. In no case will Eaton's liability under this Warranty exceed the replacement value of the Warranted Items.

## WARRANTY

### Limited Factory Warranty For Eaton 9355 UPS Products *(continued)*

**END-USER'S OBLIGATIONS:** In order to receive the benefits of this Warranty, the End-user must register the product warranty (via mail or online at [www.eaton.com/powerquality](http://www.eaton.com/powerquality) "product registration"); use the Product in a normal way; follow the Product's operators and maintenance manual; and protect against further damage to the Product if there is a covered defect.

**OTHER LIMITATIONS:** Eaton's obligations under this Warranty are expressly conditioned upon receipt by Eaton of all payments due to it (including interest charges, if any). During such time as Eaton has not received payment of any amount due to it for the Product, in accordance with the contract terms under which the Product is sold, Eaton shall have no obligation under this Warranty. Also during such time, the period of this Warranty shall continue to run and the expiration of this Warranty shall not be extended upon payment of any overdue or unpaid amounts.

**COSTS NOT RELATED TO WARRANTY:** The End-user shall be invoiced for, and shall pay for, all services not expressly provided for by the terms of this Warranty, including without limitation, site calls involving an inspection that determines no corrective maintenance is required. Any costs for replacement equipment, installation, materials, freight charges, travel expenses or labor of Eaton representatives outside the terms of this Warranty will be borne by the End-user.

**OBTAINING WARRANTY SERVICE:** In the USA, call the Eaton Customer Reliability Center 7x24 at 800.843.9433. Outside of the USA, call your local Eaton sales or service representative, or call the Eaton Customer Reliability Center in the USA at 919.870.3028. For comment or questions about this Limited Factory Warranty, write to the Customer Quality Representative, 3301 Spring Forest Road, Raleigh, North Carolina 27616 USA.

# WARRANTY

## MGE Office Protection Systems Products

### **MGE OFFICE PROTECTION SYSTEMS LIMITED WARRANTY & PROPRIETARY RIGHTS FOR SINGLE-PHASE PRODUCTS (T-11)**

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#### **STANDARD LIMITED WARRANTY FORM (APPLICABLE WITHIN THE UNITED STATES, CANADA AND LATIN AMERICA)**

##### **EATON CORPORATION STANDARD SINGLE-PHASE LIMITED WARRANTY**

Eaton Corporation warrants single phase products manufactured by Eaton Corporation to be free from defects in materials and workmanship for the following applicable time periods beginning with the date of purchase by or for the first End-user ("Purchaser"):

The following products are covered by a one (1) year warranty period:

- PowerSure 700 Power Conditioners; but includes parts and labor when service startup is purchased

The following products are covered by a two (2) year warranty period:

- Evolution, Evolution S, Pulsar, Pulsar M, Pulsar MX, Pulsar MX Frame and EX RT
- Midspan PoE

The following products are covered by a three (3) year warranty period:

- Eclipse Personal

The following products are covered by a five (5) year warranty period:

- Power-Suppress 100 and Power-Suppress T7 Ultra-Isolator Noise Suppressors and PowerSure 800 Power Conditioners.

The following products are covered by a ten (10) year warranty period;

- Eclipse Pro and Eclipse ProTel

The terms and conditions of this standard limited warranty also apply to extended warranty coverage for MGE Office Protection Systems family.

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SLT02LTA\_8187  
April 1, 2009