

# Avtron LPC100

## Ultra-Compact, Portable Load Bank - 100 KW

**Testing Your Emergency Standby Generator with a Load Bank Means Reliability When it Matters Most.**

### Key Features

- Large Load Capacity - up to 100 KW at 240/480 V and 80 KW at 208 V
- Rated for Continuous Operation
- Ultra-Compact, Portable, Easy to Transport and Operate
- Lightweight Aluminized Steel Enclosure - only 78 lbs. [35.5 kg]
- Load Cables and Hard Shell Travel Case are included
- Convenient Operator Controls with Digital Metering and Data Logging Software included

Superior Avtron quality combined with simple operation and maintenance will provide years of trouble free service.

Avtron's extensive line of Load Bank and Industrial Resistor Products are solid performers used throughout the world.

For total technical support or additional information, please contact Avtron at (216) 573-7600 or [LBsales@Emerson.com](mailto:LBsales@Emerson.com).

Quality System Certified to ISO 9001

**The Avtron LPC100 Load Bank is a portable, self-contained AC resistive load bank designed for indoor use.**

The Avtron LPC100 load bank is the standard in ultra-compact, portable load banks! The load bank provides up to 100 KW resistive load at 480 VAC or 240 VAC, 3 phase, 60 Hz. This versatile load bank weighs only 78 lbs. [35.5 kg], is lightweight and ultra-compact. The load bank is also rated for continuous operation, unlike most competitive units.

The LPC100 load bank features horizontal air discharge to provide a low profile design. Fully-rated, quick-connect load terminals and simple operation allow the load bank to be set up and operated by a single technician, saving valuable time in the field. The load bank controls and cooling fans are powered by any standard 120 VAC, single phase wall outlet with detachable line cord provided.

An integral control panel is provided for load bank operation and includes the necessary controls and status indicators. The load bank also includes the Avtron Advanced Digital Monitoring System (ADMS)<sup>™</sup> as a standard feature. The ADMS meter provides faceplate digital display of Volts, Amps, Frequency, and KW. Data Logging Software (included at no additional cost) allows Real Time Data Acquisition and trending of all meter parameters from your Laptop PC or PDA. An Infrared/USB interface cable is included for "Plug and Play" convenience.



*LPC100 100 KW Ultra-Compact, Portable Avtron Load Bank with transport case.*

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Ultra-Compact, Portable Load Bank - 100 KW

## Specifications subject to change without notice.

### Control Power

The load bank requires control power of 120 VAC, single phase, 60 Hz (line cord provided).

### Controls

The operator control panel includes a MASTER LOAD ON-OFF switch, individual load step ON-OFF industrial toggle switches, a CONTROL POWER ON-OFF switch, and a LOAD VOLTAGE selector switch.

### Cooling

The resistive elements are air-cooled by eight high velocity muffin fans.

### Load Cables

The load bank includes a 10' [3048] cable set with fully-rated, quick-connect load terminals.

### Travel Case

The load bank comes standard with a hard-shelf protective travel case on casters with a telescoping handle.

### Digital Metering

Avtron Advanced Digital Monitoring System (ADMS)<sup>™</sup> is provided for display of Volts, Amps, Frequency, and KW. ADMS<sup>™</sup> also includes Data Logging Software at no additional cost.

### Safety Features

The LPC100 load bank features multiple-array overtemperature protection and wrong voltage detection circuitry. Load Bus is short circuit protected by main line fuses (one for each phase).

### Load Capacity Ratings: (3 phase, 60 Hz)

Available Load Step Resolution: 12.5 KW

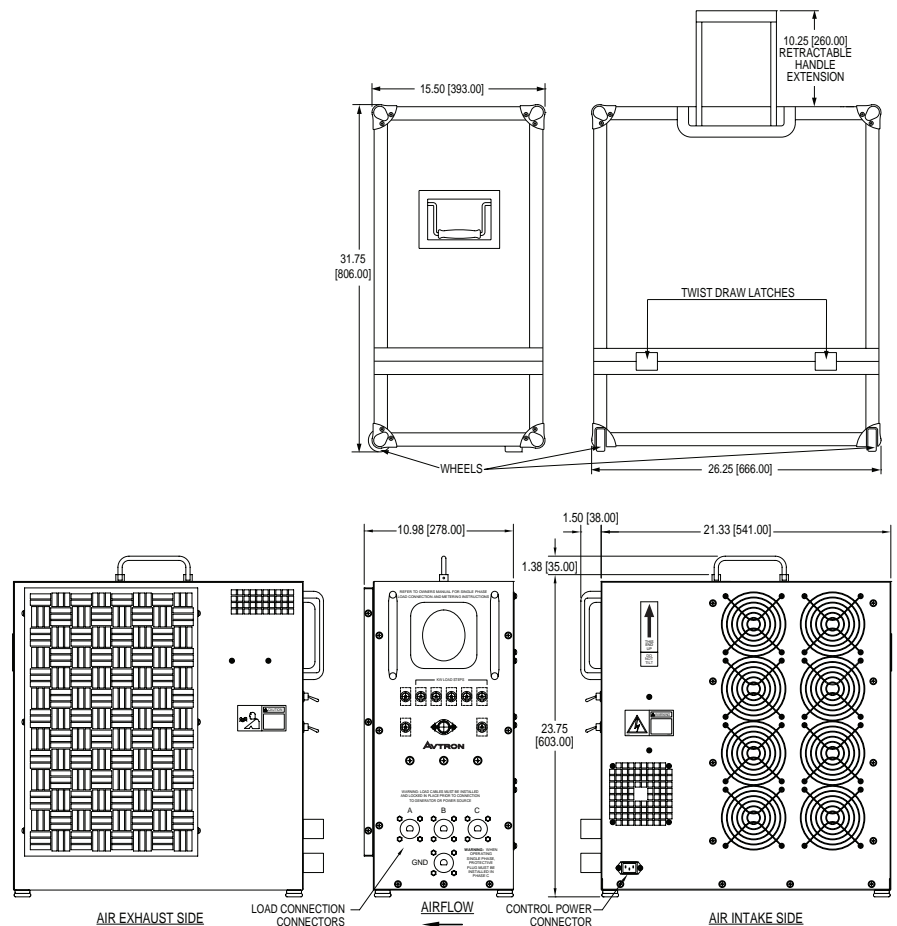
Rated KW	Rated Voltage
100	480 or 240

### Load Bank Weight (approx.)

Load Bank: 78 lbs. [35.5 kg]

Case: 37 lbs. [17 kg] Cables: 25 lbs. [11 kg]

Load Bank, Case, & Cables: 140 lbs. [63.5 kg]



All dimensions are in inches [millimeters].



**Emerson Network Power**

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[EmersonNetworkPower.com/loadbank](http://EmersonNetworkPower.com/loadbank)

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Bulletin 440 • Rev. D

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