

# xantrex™

Smart choice for power™

## POWER SOLUTIONS BROCHURE

INVERTERS

INVERTER/CHARGERS

BATTERY CHARGERS

SOLAR

BACKUP POWER



RECREATIONAL  
VEHICLES



MARINE



TRUCKS



WORK  
VEHICLES



SPECIALTY  
VEHICLES



MILITARY  
VEHICLES

# TRUE SINE WAVE INVERTERS



## PROwatt SW

- Economical true sine wave solution
- Dual GFCI AC receptacles and USB charge port
- 120 Vac / 60 Hz & 230 Vac / 50 Hz models available

- Hardwire capability and shore power pass through via optional transfer relay
- Meets UL458 with marine supplement and CSA

**Optional Accessories:** Remote On/Off Switch (808-9001), 15 A Transfer Relay (808-0915), 50' Network Cable (31-6262-00)



## PROsine

- The original true sine wave inverter
- Built-in AC transfer relay, detachable remote panel
- High surge for extended period of time

- Meets UL458 with marine supplement, CSA, ABYC & KKK-A-1822
- LCD remote panel and temp sensor included

**Optional Accessory:** Remote Interface Panel (808-1800) **Included Accessory:** Remote LCD Panel (808-1802)



## FREEDOM Xi

- Sine wave version of the PRO/XM Inverter with new features
- Quick connect AC terminal block on AC in and out for fast and reliable installation
- Wide operating temp range -4°F to 122°F (-20°C to 50°C)

- DC lockout feature inhibits battery drain
- Easy 12 Vdc switch control, selectable battery low voltage shutdown
- Meets UL458 with marine supplement, CSA and FCC Class B

**Included Accessories:** FREEDOM Xi Remote Panel (808-9016), 25' Remote Cable (31-6257-00)



## FREEDOM X

- Full output from -4°F to 104°F. Operates up to 140°F
- Extended surge, 10 ms AC transfer time
- Configurable low battery voltage shutdown

- Huge wiring bay and quick connect terminals for fast and easy installation
- Ignition lockout to minimize battery drain
- Built-in 30 A Automatic Transfer Switch

**Optional Accessories:** Remote Panel with 25' Cable (808-0817-01), 20 A GFCI Option (808-9817), Communication Cable 25' (31-6257-00), Communication Cable 50' (31-6262-00)

Models	Part Number	Input Voltage	Continuous Power	Surge Rating	AC Output	Transfer Relay	Remote Panel
PROwatt SW 600	806-1206	12 Vdc	540 W	1200 W	GFCI / hardwire via optional transfer relay	Optional	Optional (On/Off)
PROwatt SW 1000	806-1210		900 W	2000 W			
PROwatt SW 2000	806-1220		1800 W	3000 W			
PROsine 1000	806-1000		1000 W	1500 W*	GFCI	No	
PROsine 1800	806-1800	24 Vdc	1800 W	2900 W*	Hardwire w/ transfer relay	Yes	Included (Digital)
	806-1802				GFCI	No	
	806-1850				Hardwire	No	
	806-1851						
FREEDOM Xi 1000	807-1000	12 Vdc	1000 W	2000 W	Hardwire/GFCI	Yes	Optional (Digital)
FREEDOM Xi 2000	807-2000		2000 W	4000 W			
FREEDOM X 1000	817-1000		1000 W	2000 W**	Hardwire Optional GFCI		
FREEDOM X 1200 OEM MODEL	806-1212		1200 W	2400 W**			
FREEDOM X 2000	817-2000		2000 W	4000 W**			
FREEDOM X 3000	817-3000		3000 W	6000 W**			

\*Extended surge of 5 seconds \*\*Extended surge of 2 seconds



## PRO SERIES XM

- Full featured MSW with built-in transfer relay
- Plug electronics directly on the unit or hardware
- Detachable remote panel
- Meets UL458 and FCC Class B standards

Optional Accessories: XM 25' Remote Cable Assembly (806-1010-25), XM 1000 Remote Control Panel (808-7122), XM 1800 Remote Control Panel (808-7134)



## XPower

- Entry level MSW, simplest to use and install
- Remote on/off switch included
- Meets UL458 and CSA standards

Included Accessories: Remote Panel ACS XP1200+/XP1750+ (808-9500)

Models	Part Number	Input Voltage	Continuous Power	Surge Rating	AC Output	Transfer Relay	Remote Panel
PRO Series XM 1000	806-1010	12 V	1000 W	2000 W	Hardwire/GFCI	Yes	Included (Digital)
PRO Series XM 1800	806-1810		1800 W	3600 W			
XPower Digital 400	813-0400-01		320 W	640 W	AC Outlet	No	No
XPower 450	851-0451		360 W	700 W	GFCI		
XPower 1000	813-1000-UL		1000 W	2000 W			
XPower 1500	813-1500-UL		1500 W	3000 W			
XPower 3000	813-3000-UL		2500 W	5000 W			Hardwire/GFCI
XPower 5000	813-5000-UL		4000 W	10000 W			

## BATTERY CHARGERS



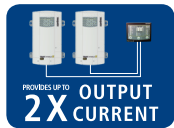
## TRUECHARGE<sup>2</sup>

- Lightweight, ultra-compact, universal chargers
- Settings for flooded, gel, AGM or lead-calcium batteries, as well as custom profile for different battery types
- Drip-proof design characteristics enable the charger to be mounted in multiple orientations
- Meets CE/EMC, ABYC, UL1564 and UL1236 with marine supplement standards

12 Vdc Applications **10 A** **20 A** **40 A** **60 A** **80 A** **100 A** **120 A**

24 Vdc Applications **10 A** **20 A** **30 A** **40 A** **50 A** **60 A**

NOTE: 12V (80 A, 100 A, 120 A) and 24 Vdc (40 A, 50 A, 60 A) achieved through stacking.  
\* Doesn't apply to TRUECHARGE2 12 Vdc / 10 A charger.



Models	Part Number	Output Voltage	Power Output	Battery Banks	Remote Panel	Parallel Stacking
TRUECHARGE 10	804-0100	12 Vdc	10 A	One	No	No
TRUECHARGE2 10	804-1210			Two		
TRUECHARGE2 20	804-1220-02		20 A	Three	Optional	Yes
TRUECHARGE2 40	804-1240-02					
TRUECHARGE2 60	804-1260-02					
TRUECHARGE2 10	804-2410	24 Vdc	10 A			
TRUECHARGE2 20	804-2420		20 A			
TRUECHARGE2 30	804-2430		30 A			

Description	Part Number	Product Compatibility
TRUECHARGE2 Remote Panel	808-8040-01	TRUECHARGE2 (part # 804-1220-02, 804-1240-02, 804-1260-02, 804-2410, 804-2420, 804-2430)
Battery Temperature Sensor	808-0232-01	TRUECHARGE2 (all applicable models)

TRUECharge2 Remote Panel allows you to monitor and control battery charger performance from a remote location, including features not accessible from the charger's onboard display & enables the parallel stacking feature of the TRUECharge2 Battery Chargers

# TRUE SINE WAVE INVERTER/CHARGERS



## FREEDOM HFS

- True sine wave version of the Freedom HF Inverter/charger with new features
- Wide operating temp range -4°F to 122°F (-20°C to 50°C)
- Powerful fast charging 55 A, 12 Vdc multi-stage charger
- Smart battery management maximizes system performance while inhibiting excessive battery drain
- User selectable battery low voltage disconnect
- Meets UL458 with marine supplement, CSA and FCC Class B

Included Accessories: Freedom HFS Remote Panel (808-9017), 25' Remote Cable (31-6257-00)



## FREEDOM SW

- State-of-the-art sine wave series with advanced features
- Ideal upgrade for Magnum, RS, MS, Trace SW and other older make/models
- Built-in hybrid functionality - combines shore and AC generator input to power loads
- Exceptional surge for extended time – will operate motor loads, compressors, hot plates, sump pumps & other heavy loads within its power range
- Meets UL458 with marine supplement, CSA, ABYC and FCC Class B

Optional Accessories: System Control Panel (809-0921), Automatic Generator Start (809-0915), GFCI Option (808-9003), Remote Panel (808-9002), 75' Network Cable (809-0942), 25' Network Cable (809-0940), Cable for Series Stacking (808-9005), Sequence Power Manager (809-0913), Conext ComBox for FREEDOM SW (809-0918), Network Cable Adapter (808-9010), FREEDOM SW Remote Panel Mounting Bracket (XAN-BRFSW)



## FREEDOM XC

- Full output in invert or charge mode from -4°F to 104°F. Operates up to 140°F
- Ability to operate under weak shore or generator power
- Extended surge, power share, equalization, power factor correction
- Dead battery charging down to 0 Vdc
- Configurable low battery voltage shutdown
- Built-in 30 A Automatic Transfer Switch
- Configurable charge algorithm

Optional Accessories: Remote Panel with 25' Cable (808-0817-01), 20 A GFCI Option (808-9817), Communication Cable 25' (31-6257-00), Communication Cable 50' (31-6262-00)

Models	Part Number	Input Voltage	Continuous Power	Surge Rating	AC Output	Charger Output	Remote Panel
FREEDOM HFS 1055	807-1055	12 Vdc	1000 W	2000 W	Hardware/GFCI	55 A	Included (Digital)
FREEDOM HFS 2055	807-2055		2000 W	4000 W			
FREEDOM SW 2012	815-2012			4000 W*	Hardware and optional GFCI	100 A	Optional (On/Off, Advanced)
FREEDOM SW 3012	815-3012	3000 W	6000 W*	150 A			
FREEDOM SW 2024	815-2024	24 Vdc	2000 W	4000 W*		50 A	
FREEDOM SW 3024	815-3024		3000 W	6000 W*	75 A		
FREEDOM XC 1000	817-1050	12 Vdc	1000 W	2000 W**	Optional Accessory (Digital)	50 A	
FREEDOM XC 2000	817-2080		2000 W	4000 W**		80 A	

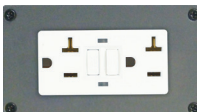
\*Extended surge of 5 seconds \*\*Extended surge of 2 seconds

## FREEDOM X/XC ACCESSORIES



### Remote Panel with 25' Cable (808-0817-01)

- Enables you to control & monitor the inverter from a convenient location and read important information such as AC IN/OUT voltage/current, battery voltage/current, percentage status bar for inverter AC output and fault & error codes



### 20 A GFCI Option (808-9817)

- Attach to the back of your Freedom X or XC to enable you to plug electronics and appliances directly on the unit

# INVERTER/CHARGERS



## FREEDOM HF

- Economical, compact and lightweight
- Quick connect AC terminal block on both AC input and output for easy wiring & fast installation
- Detachable digital remote
- Ignition lockout helps to minimize battery drain by disabling the inverter when the ignition is turned off
- Meets UL458 with marine supplement, CSA and FCC Class B

Included Accessories: FREEDOM HF 1800 Remote Control Panel (No Cable) (808-1840), 25' Remote Cable (31-6257-00)



## FREEDOM 458

- The original best selling inverter/charger for RVs and boats
- Exceptional surge for demanding loads
- Battery temperature sensor included
- Meets UL458 regulatory standards

Optional Accessories: FREEDOM Basic Remote (84-2056-01), 12 Vdc Ignition Lockout Switch (82-0122-12)

Models	Part Number	Input Voltage	Continuous Power	Surge Rating	AC Output	Charger Output	Remote Panel
FREEDOM HF 1000	806-1020	12 Vdc	1000 W	2000 W	Hardwire/GFCI	20 A	Included (Digital)
FREEDOM HF 1055	806-1055					55 A	
FREEDOM HF 1800	806-1840		1800 W	3600 W		40 A	
FREEDOM 458 20	81-2010-12		2000 W	6000 W	Hardwire (single out)	100 A	Optional (LED)
FREEDOM 458 20	81-2022-12				Hardwire (dual out)		
FREEDOM 458 25	81-2530-12		2500 W	7500 W		130 A	

# FREEDOM SW ACCESSORIES



## FREEDOM SW Network Cable Adapter (808-9010)

- Enables upgrade to new FREEDOM SW using the existing inverter/charger remote telephone type cable
- Replace Magnum, 458 and almost any older make/model without changing the old phone cable; saves on time and labor



## FREEDOM Sequence Intelligent Power Manager (809-0913)

- Automatic power and load management center for Recreational Vehicles (RVs)
- Automatically sheds and re-engages loads to avoid the nuisance circuit breaker tripping



## Remote Panel Mounting Bracket (XAN-BRFSW)

- No need to adjust the existing remote panel hole. Easily replace existing FREEDOM 458, Link 1000/2000 or Magnum ME/MS remote panel with the FREEDOM SW remote panel using this bracket
- All screws included



**System Control Panel**  
(809-0921)



**Conext ComBox**  
(809-0918)



**Automatic Generator Start**  
(809-0915)



**GFCI Option**  
(808-9003)

# BACKUP POWER



## PowerPack 1500

- Portable power companion - Take it with you wherever you go!
- Ideal for recreational outdoor activities and power outages
- Recharge at home, in your vehicle or from a Solar/PV Panel
- Excellent alternative to a power generator
- Built-in battery pack; no gas and no fumes



## PowerHub 1800

- Primary power solution for an off-grid cottage/cabin or backup power for grid-connected homes during power outages
- Integrated AC transfer switch allows for pass-through generator output or generator charging of the batteries
- Clean, green, independent power solution
- Operate with solar, wind, generator or home AC input

# STANDALONE ACCESSORIES



## LinkLITE (84-2030-00) and LinkPRO (84-2031-00) Battery Monitors

- Reads battery bank like a fuel gauge
- Selectively display voltage, charge and discharge current, consumed amp hours and remaining percentage of battery capacity
- LinkPRO displays time remaining and can measure up to 9,999 amp-hours
- LinkLITE can measure currents up to 999 amp-hours

Optional Accessories: Connection Kit for LinkLITE & LinkPRO (854-2021-01), Communication Kit for LinkPRO (854-2019-01), Temperature Kit for LinkPRO (854-2022-01)



## Digital echo~charger (82-0123-01)

- Designed to charge auxiliary or starting batteries from an inverter/charger or other charging source with minimal voltage drop
- Compatible with either 12 Vdc or 24 Vdc battery banks

# WARRANTY

## HASSLE FREE WARRANTY PROCESS TO GET YOU UP & RUNNING IN NO TIME

We are pleased to offer dealers a new "Destroy in Field" policy for **certain products** enabling them to immediately take care of you with any warranty issue without prior consultation with Xantrex. For details, visit [www.xantrex.com](http://www.xantrex.com).

### END USER SUPPORT:

**1.800.670.0707**  
[customerservice@xantrex.com](mailto:customerservice@xantrex.com)

Hours of operation:  
6:30am - 4:30pm PST, Monday to Friday

CALIFORNIA STATE PROPOSITION 65 WARNING

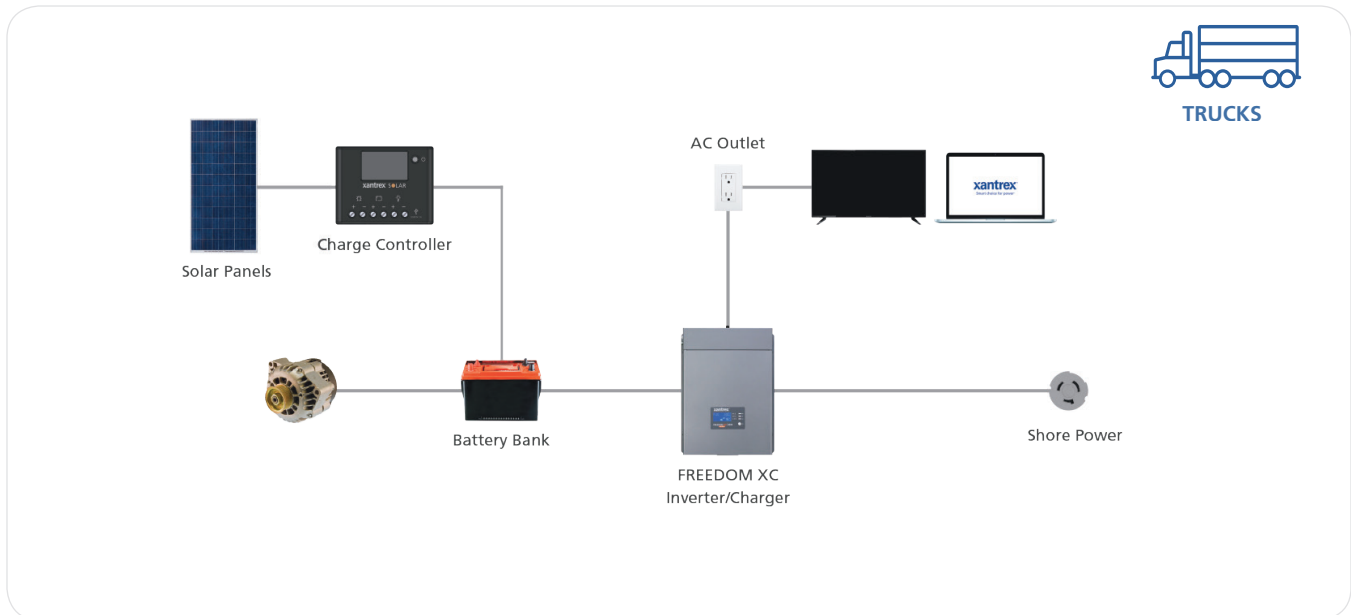
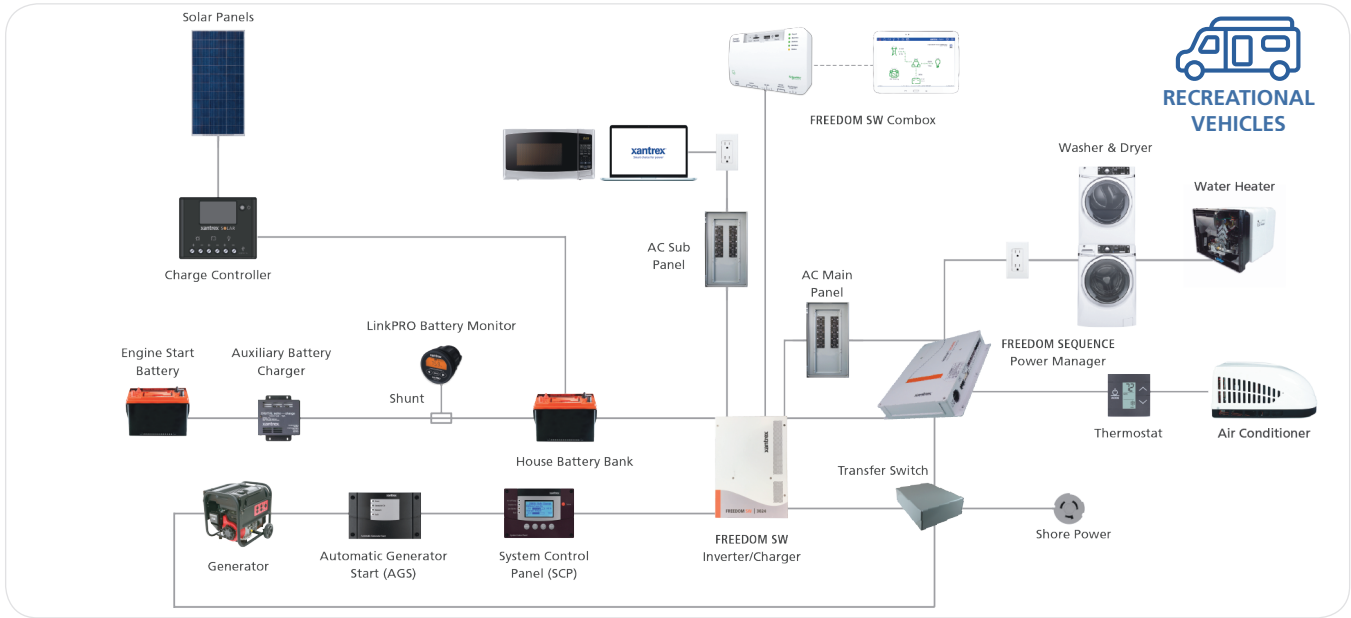
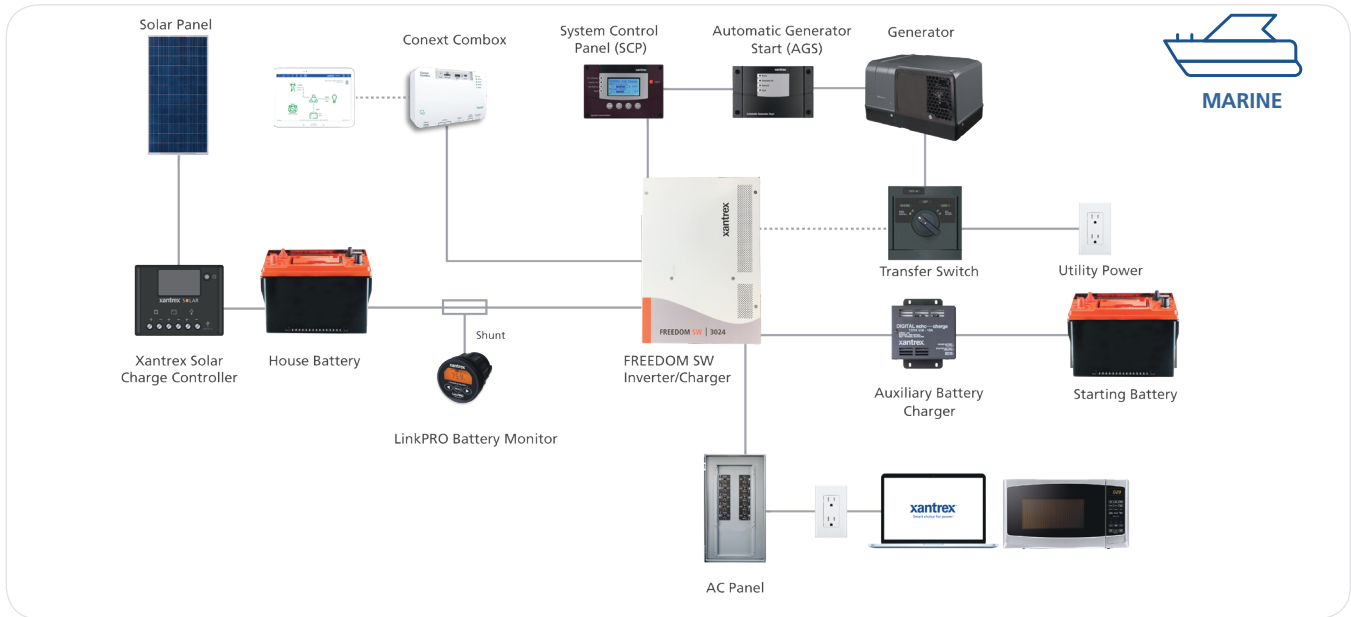
EXPOSURE TO POTENTIALLY HARMFUL CHEMICALS FROM SOME PRODUCTS

Look for label below on product packaging. If you need more information, visit [www.p65warnings.ca.gov/](http://www.p65warnings.ca.gov/).

**WARNING:** This product can expose you to chemicals including Diisononyl Phthalate (DINP) which is known to the State of California to cause cancer and Di-isodecyl Phthalate (DIDP) which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# PRODUCT INSTALLATION

Xantrex products provide in-vehicle AC power to boats and RVs, work and utility vehicles, heavy duty trucks and emergency vehicles to operate tools, appliances, lights and other electronic equipment wherever they are needed.



# 120 VAC / 60 HZ INVERTER SELECTOR GUIDE

TSW - True Sine Wave  
MSW - Modified Sine Wave

TSW						
PROwatt SW 600	PROwatt SW 1000	PROwatt SW 2000	FREEDOM X 1000	FREEDOM X 2000	FREEDOM X 3000	
806-1206	806-1210	806-1220	817-1000	817-2000	817-3000	

INVERTER/CHARGERS									
MSW				TSW					
FREEDOM HF 1000 / 1055	FREEDOM HF 1800	FREEDOM 458-20	FREEDOM 458-25	FREEDOM XC 1000	FREEDOM XC 2000	FREEDOM SW 2012	FREEDOM SW 2024 24 V	FREEDOM SW 3012	FREEDOM SW 3024 24 V
806-1020 / 806-1055	806-1840	81-2010-12 / 81-2022-12	81-2530-12	817-1050	817-2080	815-2012	815-2024	815-3012	815-3024

## ELECTRONICS

Laptop Computer (100 w)	●	●	●	●	●	●
Video Game Console (150 w)	●	●	●	●	●	●
LED TV (200 w)	●	●	●	●	●	●
CPAP (250 w)	●	●	●	●	●	●
Stereo Receiver (450 w)	●	●	●	●	●	●

## APPLIANCES

Blender (500 w)		●	●	●	●	●
Toaster (850 w)			●	●	●	●
Refrigerator (900 w)			●	●	●	
Vacuum (1000 w)			●	●	●	
Microwave (1000 w)			●	●	●	
Kettle (1200 w)			●	●	●	
Iron (1200 w)			●	●	●	
Coffee Maker (1200 w)			●	●	●	
Induction Cooktop (1400 w)			●	●	●	
Hair Dryer (1500 w)			●	●	●	
Rooftop Air conditioner (15000 BTU)						

## TOOLS

1" Handheld Drill (1000 w)			●	●	●	
9" Disc Sander (1200 w)			●	●	●	
8¼" Circular Saw (1400 w)			●	●	●	
110 V Air Compressor (1800 w)				●	●	

## FEATURES

Continuous Power (Watts)	540	900	1800	1000	2000	3000
Charging Output (Amps)						
Transfer Switch	^	^	^	●	●	●
Remote Panel	^	^	^	^	^	^
Hardwire Option	^^	^^	^^	●	●	●
GFCI AC Receptable	●	●	●	^	^	^
USB Port	●	●	●			

●	●	●	●	●	●	●	●	●	●
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					●	●	●	●	●
								●	●

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	●	●	●		●	●	●	●	●
					●	●	●	●	●

1000	1800	2000	2500	1000	2000	2000	2000	3000	3000
20/55	40	100	130	50	80	100	50	150	75
●	●	●	●	●	●	●	●	●	●
●	●	^	^	^	^	^	^	^	^
●	●	●	●	●	●	●	●	●	●
●	●			^	^	^	^	^	^

^ Optional accessory  
^^ Achieved by adding the optional Transfer Switch (808-0915)  
\* Various models available. Consult your store rep for details

# BATTERY CHARGER SELECTOR GUIDE

## DETERMINING YOUR BATTERY BANK REQUIREMENTS

The example below will help you to determine the battery bank capacity you need to operate common appliances using a standard 12 V battery system.

Appliance or product	Continuous wattage	DC power consumed (watts / 10*)	Appliance run time	Amp hours consumed between charge cycles	Battery bank required (Ah / 0/50**)
Audio system	100 W	10 A	4 Hr	40 Ah	
Coffee maker	1200 W	120 A	1/2 Hr	60 Ah	
Microwave	1000 W	100 A	1/4 Hr	25 Ah	
	2300 W	230 A		125 Ah	250 Ah

The above scenario would result in a 12 V battery bank total system requirement of 250 amp-hours. The battery bank total amp-hours must exceed the total amp-hours required by the system for best performance & battery life

\* Dividing watts by 10 allows for easy mathematics and typical system losses

\*\* Deep cycle batteries should only be discharged no lower than 50% State-of-Charge (SoC)

Note for 24 V battery systems: 125 Ah in a 24 V battery system contains equivalent energy of 250 Ah in a 12 V battery system

## TRUECHARGE<sup>2</sup> 12 V MODELS

Battery Size / Application	Ahr	10 A	20 A	40 A	60 A	80 A	100 A	120 A
		804-1210	804-1220-02	804-1240-02	804-1260-02	*	*	*
Group 24	75	●	●	^				
Group 27	90	●	●	^	^			
Group 31	105	●	●	^	^			
4 D	160		●	●	^	^		
8 D	220			●	●	^	^	^
Dual 6 V golf cart	225			●	●	^	^	^
Triple group 27	270			●	●	^	^	^
Dual 8 D	440				●	●	●	^
Triple 8 D	660					●	●	●

\* Output achieved by stacking two TRUECharge2 units in parallel. Note: 10 A / 12 V model is not equipped with parallel stacking feature

^ These charts are a general guideline, consult battery manufacturer specifications and your technician for appropriate sizing of battery charger to your battery bank/type. Mixing battery types is not recommended.

## TRUECHARGE<sup>2</sup> 24 V MODELS

Battery Size / Application	Ahr	10 A	20 A	30 A	40 A	50 A	60 A
		804-2410	804-2420	804-2430	*	*	*
Dual group U1	35	●	^				
Dual group 24	75	●	●	^			
Dual group 27	90	●	●	^	^	^	^
Dual group 31	105	●	●	●	^	^	^
Dual 4 D	160		●	●	●	^	^
Dual 8 D	220			●	●	●	●
Four 6 V golf cart	225			●	●	●	●
Four 4 D	320				●	●	●
Four 8 D	440					●	●

\* Output achieved by stacking two TRUECharge2 units in parallel

^ These charts are a general guideline, consult battery manufacturer specifications and your technician for appropriate sizing of battery charger to your battery bank/type. Mixing battery types is not recommended

# xantrex™ SOLAR MAX

## EXTREMELY LIGHTWEIGHT PEEL & STICK FLEX PANELS IN 80W, 165W & 220W

Kits include a solar panel, 30A PWM charge controller, PV & battery cables, mounting hardware.

- Patented Mesh-wire Grid Technology offers optimized current collection even as cells age
- Up to 20% more energy harvesting in real world conditions
- Up to 50X more durable than standard busbar cells, performs well in all operating environments
- Innovative polymer layer offers high light transmittance and tear & corrosion resistance



UL/IEC certified

Part #	Description
784-0080-01	80W Xantrex Solar Max Flex Kit
784-0165-01	165W Xantrex Solar Max Flex Kit
784-0220-01	220W Xantrex Solar Max Flex Kit
784-0080-02	80W Xantrex Solar Max Flex Expansion Kit
784-0165-02	165W Xantrex Solar Max Flex Expansion Kit
784-0220-02	220W Xantrex Solar Max Flex Expansion Kit

### HOW MANY SOLAR PANELS SHOULD I RECOMMEND?

It really depends on many factors – loads, battery capacity and available roof space. Also, whether you want solar to support your entire electrical system, or just make your battery last longer between cycles. Here's an example of power consumption that has both DC and AC loads. AC loads are powered through an inverter.

DC APPLIANCES	WATTS	QTY	HOURS USAGE/DAY	WATT HOURS	VOLTAGE	AMP-HOURS
LIGHT(S)	10	x 3	x 6	= 180	÷ 12	= 15.00
VENT FAN	15	x 2	x 3	= 90	÷ 12	= 7.50
WATER PUMP	60	x 1	x 1	= 60	÷ 12	= 5.00
REFER	6	x 1	x 24	= 144	÷ 12	= 12.00
AC LOADS	800	x 1	x 2	= 1600	÷ 12	= 133.33

**LOAD TOTAL: 172.83**

In the example above, all loads consume about 173 amp-hours per day. Consider the calculation below:

A 100 watt panel produces an average of about 6 amps per peak sun hour.  
Assuming peak sun hours as 6 hours, it will produce about 36 amp-hours per day.  
6 amps X 6 hours = 36 amp-hours.

The daily requirement is roughly 173 amp-hours.  
Assuming around 36 amp-hours per day (100W panels), you would need five (5) 100W panels for solar to support the entire system.  
173 / 36 ~ 5 (five 100W panels) OR three 160W panels.

If you plan to run a generator, or plug in daily (for non-DC loads such as an air conditioner), but need the batteries to last longer through the day, you could decrease the panels to simply support the battery charge cycle.

# xantrex™ SOLAR

Maintenance free, renewable solutions to maximize battery life & prolong power supply.

## ROOF MOUNTED SOLAR CHARGING KITS



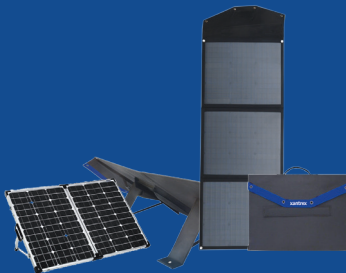
All kits include a 100W or 160W solar panel, 30A PWM charge controller, PV & battery cables and mounting hardware. Flex kits are easy to install over curved surfaces and saves time.

## EXPANSION KITS



Easily customize and extend your solar system using our expansion kits. All expansion kits include a 100W or 160W solar panel, branch connectors and mounting hardware.

## PORTABLE SOLAR CHARGING KITS



Simple, plug-n-play kits ideal for on-the-go battery charging and powering your DC loads. All kits include a 100W or 160W foldable solar panel, 10A PWM charge controller, adapter battery cables, tilting legs & carrying case.

## PWM CHARGE CONTROLLERS & ACCESSORIES



The Xantrex charge controller delivers efficient multi-stage charging while protecting batteries. Provides real-time system indicators on the LCD screen.

### SOLAR KITS

Part #	Description
780-0100-01	100W Solar Kit
780-0160-01	160W Solar Kit
781-0100-01	110W Solar Flex Kit

### EXPANSION KITS

Part #	Description
780-0100-02	100W Solar Expansion Kit
780-0160-02	160W Solar Expansion Kit
781-0100-02	110W Solar Flex Expansion Kit

### SOLAR PORTABLE KITS

Part #	Description
782-0100-01	100W Solar Portable Kit
783-0100-01	100W Solar Flex Portable Kit
782-0160-01	160W Solar Portable Kit

### PWM CHARGE CONTROLLER & ACCESSORIES

Part #	Description
708-0020	PWM Charge Controller 30A
C12	C Series PWM 12A
C35	C Series PWM 35A
C40	C Series PWM 40A
C60	C Series PWM 60A
708-0030	PV Extension Cables (15')
708-0040	PV Single Connector (1 Pair)
708-0050	PV Branch Connector (1 Pair)
708-0060	PV Connector Assembly Tool
708-0070	Mounting Hardware
708-0100	MC4-to-SAE PV Adapter Cable (2')
708-0110	SAE-to-Cigarette Lighter Battery Adapter Cable (2')

NOTE: Actual Xantrex Solar products may vary from images displayed.



## CUSTOMER SATISFACTION IS OUR #1 PRIORITY



Xantrex Authorized Service Centers repair out-of-warranty and non-warrantable products. Xantrex does not sell parts and components directly to the end user. For out-of-warranty repairs and replacement parts and components, please contact nearest Xantrex ASC from the list below.

### WEST COAST

**Anchor Marine Electric LTD**  
780 Spruce Ave  
Victoria, BC, V8T 5A5  
250.386.8375

**ASE Supply**  
7710 NE 17th Ave  
Portland, OR, 97211  
503.288.0100

**Biobenefit Energy**  
3368 California St  
Costa Mesa, CA, 92626  
714.809.4003

**Canadian Energy**  
107-10550 42 St SE  
Calgary, AB T2C 5C7  
403.236.0333

**Mark Snyder Electric**  
H-5840 Gibbons Dr  
Carmichael, CA, 95608  
619.992.5932

**Mark Snyder Electric**  
200-12900 Brook Printer Plc  
Poway, CA, 92064  
619.992.5932

**One Stop Custom Shop**  
6923 Wyoming Lane  
Col. Springs, CO 80923  
719.495.2740

**Pacific Yacht Systems**  
1641 Powell St  
Vancouver, BC, V5L 1H5  
604.284.5171

**Renewable Energy Systems**  
1698 Airport Way  
Fairbanks, AK, 99701  
907.451.8717

**S3 Maritime**  
200-2360 W. Commodore Way  
Seattle, WA, 98199  
206.420.4932

### MIDWEST

**Mark Snyder Electric**  
10310 Golden Arrow Dr  
Hutchinson, KS, 67502  
619.992.5932 Option 2

### SOUTH

**BC&C, LLC**  
252-B Tyson Dr  
Winchester, VA, 22603  
540.662.7796

**eMarine Systems**  
3-2821 SW 23rd Terrace  
Ft. Lauderdale, FL, 33312  
954.581.2505

**Field Technical Services**  
305-6804 E. Hwy 6 South  
Houston, TX, 77083  
281.561.7149

**Inverter Sales and Service**  
102 SCT Dr  
White House, TN 37188  
615.285.0611

**Jaytron Marine Electronics**  
2635 Manatee Ave  
East Bradenton, FL, 34208  
941.748.1941

**National Indoor RV  
Service 1, LLC**  
498 E. State Hwy 121  
Lewisville, TX, 75057  
469.277.1330

### EAST COAST

**Brewer Pilots Point Marina**  
63 Pilots Point Dr  
Westbrook, CT 06498  
860.399.7906

**IDS Energie**  
3680 Thibeau Blvd  
Trois-Rivieres, PQ, G8W 2H5  
819.373.5978

**Tekris Power Electronics**  
1675 Hwy 34  
Farmingdale, NJ 07727  
732.938.4996

**Voyager Marine**  
75 Eastern Avenue  
Essex, MA, 01929  
978.768.7260

**W.E. Enterprises**  
3090 Jarrow Ave  
Mississauga, ON, L4X 2C7  
905.629.1424