

Portawattz 3000 Inverter

xantrex

DC to AC Power Inverter



A high-powered, quiet alternative to generators

Converts DC battery power into 3000 watts of AC household power (115-volt)

When your application calls for a high power inverter, the Portawattz 3000 is the affordable, yet reliable way to transform DC battery power into 115-volt household AC power. Portawattz 3000 provides up to 3000 watts and is ideal for running virtually any electrical item found in a home, including washers or dryers. Portawattz 3000 is a quiet alternative to generators, and is built for years of maintenance-free operation.

Its well engineered design makes Portawattz 3000 highly reliable and compact for an inverter at this power level. It attaches safely and easily to deep-cycle batteries. Plug-and-play AC receptacles with dedicated breakers are standard on this model. In addition, Portawattz 3000 can be installed with a hardwire AC output and a remote control on/off switch. Portawattz 3000 has an easy-to-read display for monitoring battery current and voltage.

The Portawattz family of inverters comes in a complete range of output levels. For complete portability, select a 150 or 300 model. For higher power applications, select a Portawattz 600, 1000, 1750 or 3000 model. These models are typically wired directly to a battery and offer a number of high end features.

Product Features

- ▶ 3000-watt maximum continuous power
- ▶ 5000-watt surge capacity
- ▶ Bar graph display for monitoring battery status
- ▶ LED power indicators for over temperature and overload
- ▶ Two grounded AC receptacles with dedicated 15-amp breakers
- ▶ Light and durable aluminum housing
- ▶ Regulated output to protect equipment from voltage spikes and fluctuations
- ▶ Quiet operation

Protection Features

- ▶ Over temperature shutdown
- ▶ Short circuit output protection
- ▶ Reverse polarity protection
- ▶ Over voltage protection
- ▶ Under voltage protection
- ▶ Low voltage alarm

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Electrical Specifications

Maximum continuous power	3000 W
Surge capability	5000 W
No load current draw	<0.6 A
Peak efficiency	90%
Output waveform	Modified sine wave
Output frequency	60 Hz, quartz crystal controlled
Output voltage	115 VAC RMS +/- 5%
Input voltage range	10 to 15 VDC

Mechanical Specifications

Operating temperature	32°F to 104°F (0°C to + 40°C) (derated above 25°C)
Internal safety fuse	Not user replaceable
Weight	20 lb (9 kg)
Dimensions (H x W x L)	6.25" x 8.0" x 18.5" (159 mm x 803 mm x 470 mm)
AC receptacle	Two grounded outlets with dedicated 15A breakers
Part Numbers	803-3000

Note: Specifications are based on a 12-volt DC nominal input.

Protection Features

Over temperature shutdown	Yes
Input protection	
Over voltage shutdwo	15.2 VDC
Low voltage alarm	10.7 VDC
Low voltage shutdown	10 VDC
Output protection	
Overload shutdown	Yes

Note: Specifications subject to change without notice.