

Portawattz 1000 Inverter

xantrex

DC to AC Power Inverter



Clean, quiet AC power for small microwaves and refrigerators, or any TV

Converts DC battery power into 1000 watts of AC household power (115-volt)

Designed for both recreational and industrial applications, the Portawattz 1000 is an affordable, high power inverter that transforms DC battery power into 115-volt household AC power. It provides up to 1000 watts and is ideal for small microwaves or vacuum cleaners, fans, fluorescent and incandescent lights, and a variety of power tools. Portawattz 1000 is a quiet alternative to generators and built for years of maintenance-free operation.

Intelligent design makes Portawattz 1000 durable and light weight. In fact, it's the industry's smallest 1000-watt inverter. It's small size and integrated mounting bracket simplifies installation. Portawattz 1000 has an easy-to-read display for monitoring battery current and voltage, plus three AC outlets.

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

- ▶ 1000-watt maximum continuous power
- ▶ 2000-watt surge capacity
- ▶ Bar graph display for monitoring battery status
- ▶ LED indicators for overload and over temperature
- ▶ Single two-prong receptacles, and dual three-prong grounded receptacles
- ▶ Light and durable aluminum housing
- ▶ Regulated output to protect equipment from voltage spikes and fluctuations
- ▶ Quiet operation

Protection Features

- ▶ Over temperature shutdown
- ▶ Over voltage shutdown
- ▶ Low voltage alarm and shutdown
- ▶ Overload shutdown
- ▶ Short circuit output protection
- ▶ AC backfeed protection

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Electrical Specifications

Maximum continuous power	1000 W
Surge capability	2000 W
No load current draw	<0.3 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	5.8 lb (2.6 kg)
Dimensions (H x W x L)	3.2" x 9.4" x 11.4" (83 mm x 240 mm x 290 mm)
AC receptacle	Dual grounded AC receptacle and single two prong
Part Number	803-1010

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

Protection Features

Over temperature shutdown	Yes
Input protection	
Over voltage shutdown	15 VDC
Low voltage alarm	10.7 VDC
Low voltage shutdown	10 VDC
Output protection	
Overload shutdown	Yes
Short circuit protection	Yes

Note: Specifications subject to change without notice.