

Portawattz 1750 Inverter

xantrex

DC to AC Power Inverter



A quiet, maintenance free alternative to generators

Converts DC battery power into 1750 watts of AC household power (115-volt)

While designed to handle many industrial applications, the Portawattz 1750 is also affordable, making it a popular choice with consumers seeking a 1750-watt inverter. This model is ideal for running virtually any electrical item found in a home, and several smaller applications simultaneously. Portawattz 1750 is a quiet alternative to generators, and built for years of maintenance-free operation.

Advanced engineering makes Portawattz light, durable and easy to install. For DC input, the stud-type connectors offer a more secure connection to deep-cycle batteries and greater reliability. Portawattz 1750 has an easy-to-read display panel for monitoring battery status 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

- ▶ 1750-watt maximum continuous power
- ▶ 3000-watt surge capacity
- ▶ Bar graph display for monitoring battery status
- ▶ LED power indicators for over temperature and overload
- ▶ 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 protection
- ▶ Under voltage shutdown
- ▶ Low voltage shutdown
- ▶ Overload shutdown
- ▶ Short circuit output protection
- ▶ AC backfeed protection

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Electrical Specifications

Maximum continuous power	1750 W
Surge capability	3000 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	9.5 lb (4.3 kg)
Dimensions (H x W x L)	3.2" x 9.4" x 17.3" (83 mm x 240 mm x 440 mm)
AC receptacle	One two-prong and two three-prong AC receptacles
Part Number	803-1758

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.