

# Portawattz 600 Inverter

xantrex

## DC to AC Power Inverter



An affordable, mid-range power inverter that provides clean, quiet AC power from a DC source

### Converts DC battery power into 600 watts of household AC power

Designed for operating many household electrical products, as well as light commercial applications, the Portawattz 600 is an affordable, mid-range power inverter. It converts DC battery power into 115-volt AC power - up to 600 watts continuous- and is ideal for running large screen TVs 5A power drills, and even bread machines.

In both recreational and commercial applications, Portawattz 600 can be used instead of a generator for low power or intermittent loads, saving the generator (and the accompanying noise and exhaust) for heavy-duty, continuous loads.

Intelligent design makes Portawattz 600 light, durable and easy to install. It attaches safely and easily to deep-cycle batteries. Three plug-and-lay AC receptacles are standard.

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

- ▶ 600-watt maximum continuous power
- ▶ 1200-watt surge capacity
- ▶ LEDs for power on and fault conditions
- ▶ Light and durable aluminum housing
- ▶ Slim profile
- ▶ Regulated output to protect equipment from voltage spikes and fluctuations
- ▶ Quiet operation

### Protection Features

- ▶ Over temperature shutdown
- ▶ Low/over voltage shutdown
- ▶ Low voltage alarm
- ▶ Short circuit protection
- ▶ Overload shutdown

### Xantrex Technology Inc.

Headquarters  
8999 Nelson Way  
Burnaby, British Columbia  
Canada V5A 4B5  
800 670 0707 Toll Free  
604 420 1591 Fax

5916 195th Street NE  
Arlington, Washington  
USA 98223  
800 446 6180 Toll Free  
360 925 5144 Fax

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### Electrical Specifications

Maximum continuous power	600 W
Surge capability	1200 W
No load current draw	<0.3 A
Peak efficiency	90%
Output waveform	Modified sine wave
Output frequency	60 Hz
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 fuse	Internal, not user replaceable
Weight	4.5 lb (2 kg)
Dimensions (H x W x L)	11" x 6.25" x 2.5" (65 mm x 160 mm x 280 mm)
AC receptacle	Three grounded AC receptacle
Part Numbers	803-0600 (600) 803-0601 (600 SI)

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

### Protection Features

Over temperature shutdown	Yes
<b>Input protection</b>	
Battery reverse polarity	Fuse protected (internal)
Over voltage shutdown	15 VDC
Low voltage alarm	10.7 VDC
Low voltage shutdown	10 VDC
<b>Output protection</b>	
Overload shutdown	Yes
Short circuit protection	Yes

Note: Specifications subject to change without notice.