

# Portawattz 400 Inverter

xantrex

## DC to AC Power Inverter



Portable power for a range of equipment; TVs up to 27", computers, large portable stereos

### Provides household AC power from a vehicle's 12-volt outlet

Ideal for powering recreational and mobile office equipment, the Portawattz 400 transforms a vehicle's DC lighter socket into a standard 115-volt AC outlet. The 400 watts of power is suitable for a range of electronic products - from power tools (under 2.5 amps) to small office products. Popular applications include desktop computers with monitors, fax machines, TVs up to 27", VCRs, large portable stereos and even can openers. Portawattz 400 can also surge to 800 watts, allowing it to handle equipment that requires more power at start up.

From a 27NF battery (typically found in a van or recreation vehicle) the Portawattz 400 runs a 19" TV for about 10 hours. The exact running time will depend on the amount of power being drawn by the application and the size and condition of the battery.

By ensuring there is always enough charge to start the vehicle, Portawattz 400 also provides peace of mind. An audible alarm warns when the battery drops to 10.7 volts. The inverter will automatically shut down when the battery reaches 10.0 volts.

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

- ▶ 400-watt maximum continuous power
- ▶ 800-watt surge capacity
- ▶ LED power on indicator and LED fault indicator
- ▶ Two grounded, three-prong AC receptacles
- ▶ Regulated output to protect equipment from voltage spikes and fluctuations
- ▶ Quiet operation
- ▶ Compact size

### Protection Features

- ▶ Over temperature shutdown
- ▶ Low/over voltage shutdown
- ▶ Low voltage alarm
- ▶ 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	400 W
Surge capability	500 W
No load current draw	<0.21 A
Peak efficiency	90%
Output waveform	Modified sine wave
Output frequency	60 Hz +/- 4 Hz
Output voltage	115 VAC RMS +/- 10 VAC
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	Two 25A fuses
Weight	1.8 lb (820 g)
Dimensions (H x W x L)	6.3" x 4.7" x 1.9" (50 mm x 120 mm x 160mm)
AC receptacle	Two, 3-prong AC receptacles
Part Number	803-0450

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

### Protection Features

Over temperature shutdown	Yes
<b>Input protection</b>	
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.