

Portawattz 300 Inverter

xantrex

DC to AC Power Inverter



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

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

Ideal for powering recreational and mobile office equipment, the Portawattz 300 transforms a vehicle's DC lighter socket into a standard 115-volt AC outlet. The 300 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 300 can also surge to 500 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 300 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 300 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

- ▶ 300-watt maximum continuous power
- ▶ 500-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

Portawattz 300 Inverter



DC to AC Power Inverter

Electrical Specifications

Maximum continuous power	300 W
Surge capability	500 W
No load current draw	<0.18 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)
Weight	1.8 lb (820 g)
Dimensions (H x W x L)	6.3" x 4.7" x 1.9" (160mm x 120 mm x 50 mm)
AC receptacle	Two, 3-prong AC receptacles
Part Numbers	803-0312 (300) 803-0313 (300 SI)

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	Yes

Note: Specifications subject to change without notice.