

# Prowatt 250, 800 and 1500

xantrex

## DC to AC 24 V Power Inverters



### Provides Portable AC Power

The Prowatt 250 plugs into the lighter socket of your vehicle, boat or RV to provide 250 watts of continuous power suitable for a range of appliances, electronics and power tools including VCRs, stereos, TVs up to 25" and laptop computers. The exact run time depends on the amount of power being drawn by the application. Prowatt 250 can surge up to 500 watts to handle equipment that requires more power.

A mid-range inverter designed for industrial and recreational applications, the Prowatt 800 is ideal for heavy-duty AC loads or smaller, multiple AC loads. Common applications include microwaves, TV/VCRs and a variety of small power tools.

Designed for high power and industrial applications, the Prowatt 1500 is ideal for heavy-duty AC loads or smaller, multiple AC loads. Common applications include microwave, TV/VCRs, small air conditioners and power tools.

### Product Features

- ▶ Regulated output frequency for time sensitive applications (Prowatt 250)
- ▶ Auto shutdown prevents total battery discharge (Prowatt 250)
- ▶ Compact size for convenient use and storage (Prowatt 250)
- ▶ Dual GFCI outlet for safer operation (Prowatt 800 and 1500)
- ▶ Supports addition of external AC outlets (Prowatt 800 and 1500)
- ▶ Built-in LED display for DC volts and amps (Prowatt 800 and 1500)
- ▶ Includes remote on/off switch (Prowatt 800 and 1500)
- ▶ Silent operation (all)
- ▶ One year warranty (all)

### Protection Features

- ▶ Low voltage shutdown
- ▶ Overload shutdown
- ▶ Over temperature shutdown
- ▶ Over and under voltage protection
- ▶ Low voltage alarm (Prowatt 800 and 1500)
- ▶ Battery reverse polarity (fuse protected) (Prowatt 1500)

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### Electrical Specifications

Model	250	800	1500
Max. continuous AC power	250 watts	1000 watts	1500 watts
Surge capacity (peak)	500 watts	2000 watts	3000 watts
AC output frequency	60 +/- 0.05 Hz, crystal controlled	60 +/- 4 Hz	60 +/- 0.01 Hz
AC output voltage	115 VAC RMS +/- 10%	115 VAC RMS +/- 5%	115 VAC RMS +/- 5%
Output waveform	Modified sine wave	Modified sine wave	Modified sine wave
Peak efficiency	90%	90%	90%
No load current draw	< 0.1 A	< 0.3 A	< 0.4 A
Input voltage range	20-30 VDC	20-30 VDC	20-30 VDC

### General Specifications

Output temperature range	32°F – 104°F / 0°C – 40°C	32°F – 104°F / 0°C – 40°C	32°F – 104°F / 0°C – 40°C
AC receptacle	3-prong	Dual GFCI	Dual GFCI
DC connection	DC socket	Hardwire	Hardwire
Internal fuse	30 A	Internal, not user replaceable	Internal, not user replaceable
LED display	N/A	DC Volts & Amps	DC Volts & amps
Dimensions (H x W x L)	1.5 x 4.5 x 6.0" (38 x 115 x 115 mm)	3.25 x 9.5 x 10.25" (80 x 240 x 260 mm)	3.25 x 9.5 x 16.25" (80 x 240 x 410 mm)
Weight	26 oz (740 g)	5.8 lb (2.6 kg)	8.25 lb (3.8 kg)
Warranty	One year	One year	One year
Part number	801-3255	801-3853 808-9000 (remote switch)	801-3652 808-9000 (remote switch)

Note: Specifications subject to change without notice.