



Portable AC power from the battery in your vehicle

Ideal for powering recreational, mobile office equipment and other electronic appliances, XPower Inverters convert 12 volts of DC battery power in your vehicle to 230 volts of AC power. Available in a range of sizes, the inverters can power a variety of electronic products including TVs, VCRs, fax machines, laptop computers, camcorders, stereos, small power tools and work lights.

Choosing the right size of inverter for a particular application is important. For example, the XPower 150 Inverter can run a laptop for approximately 9 hours from a 75-amp hour battery; the XPower 300 can run a 49 cm TV for approximately 6 hours from a 75-amp hour battery. The exact run time depends on the amount of power being drawn by the application and the size and condition of the battery. The XPower Inverter 500 can be used instead of a generator for low power or intermittent loads.

Product Features

- ▶ Available in 150, 300 or 500 watt models
- ▶ Offer 300, 600 or 1000 watt surge capacity
- ▶ Available in three AC outlet configurations: Schuko, UK and AUS/NZ
- ▶ Regulated output protects sensitive equipment
- ▶ Compact size for convenient use and storage
- ▶ Auto shutdown prevents total battery discharge
- ▶ Silent operation
- ▶ Mounting brackets for convenient installation (XPower Inverter 300 and 500)

Protection Features

- ▶ Over temperature shutdown
- ▶ Overload shutdown
- ▶ Low voltage shutdown (at 10.0 VDC)
- ▶ Over voltage shutdown (at 15.0 VDC)
- ▶ Low voltage alarm (at 10.7 VDC)
- ▶ Short circuit protection
- ▶ Battery reverse polarity (fuse protected)
- ▶ LED indicator confirms fault connection



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Electrical Specifications

Models	150	300	500
Output power (continuous)	150 W	300 W	500 W
Surge capacity (peak)	300 W	600 W	1000 W
Output voltage	230 VAC +/- 5%	230 VAC +/- 5%	230 VAC +/- 5%
Output frequency	50 +/- 3Hz	50 +/- 3Hz	50 +/- 3Hz
Output waveform	Modified sine wave	Modified sine wave	Modified sine wave
Peak efficiency	90%	90%	90%
No load current draw	<0.18 A	<0.2 A	<0.3 A
Input voltage range	10 – 15 VDC	10 – 15 VDC	10 – 15 VDC

General Specifications

Operating temperature range	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)
AC receptacle	Schuko, UK and AUS/NZ	Schuko, UK and AUS/NZ	Schuko, UK and AUS/NZ
Display	Power ON and Fault LEDs	Power ON and Fault LEDs	Power ON and Fault LEDs
Battery connection	DC lighter plug	DC lighter plug and cable clamps	Cable clamps and hardwire
Mounting bracket	None	Built-in	Built-in
Internal DC fuse	Not user replaceable	Not user replaceable	Not user replaceable
Dimensions (HxWxL)	63 x 104 x 157 mm (2.5 x 4.1 x 6.2")	66 x 104 x 200 mm (2.6 x 4.1 x 7.9")	66 x 112 x 241 mm (2.6 x 4.4 x 9.5")
Weight	0.65 kg (1.54 lb)	0.79 kg (1.74 lb)	1.2 kg (2.6 lb)
Warranty	Two years	Two years	Two years
Part Number	851-0160R (AUS/NZ) 851-0161R (UK) 851-0162R (Schuko)	851-0310R (AUS/NZ) 851-0311R (UK) 851-0312R (Schuko)	851-0510R (AUS/NZ) 851-0511R (UK) 851-0512R (Schuko)