

Xantrex Inverter 150

xantrex

12 VDC to 230 VAC /50 Hz Power Inverter



Provides 150 watts of portable AC power from the battery in your vehicle

Designed for recreational and mobile office equipment, the Xantrex 150 inverter transforms a vehicle's DC lighter socket into a 230 VAC outlet. It provides 150 watts (0.65 amps) of continuous power, which is suitable for a range of electronic products including small TVs, VCRs, laptop computers, camcorders and stereos. The Xantrex 150 inverter can surge to 300 watts, allowing it to handle equipment that requires more power at start up.

As an example, the Xantrex 150 Inverter can run a laptop for approximately 9 hours from a 75 amp-hour battery. The exact running time depends on the amount of power being drawn by the application and the size and condition of the battery.

Product Features

- ▶ Powers AC products up to 150 watts
- ▶ 300 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
- ▶ Totally silent operation
- ▶ Two year warranty

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 condition

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Electrical Specifications

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

General Specifications

Operating temp. range	0°C – 40°C (32°F – 104°F)
AC receptacle	Schuko, UK and AUS/NZ
Display	Power ON and Fault LEDs
Battery connection	Lighter plug
Internal DC fuse	25 A, not user replaceable
Dimensions (HxWxL)	63 x 104 x 157 mm (2.5 x 4.1 x 6.2")
Weight	0.65 kg (1.54 lb)
Warranty	Two years
Part number	851-0155 (AUS/NZ)
	851-0156 (UK)
	851-0157 (Schuko)

Regulatory Approvals

CE,TUV/GS,e-mark

Note:

Specifications are based on a 12-volt DC nominal input. Specifications subject to change without notice.

Continuous Operating Times for Popular Products

Examples	Power in Watts	BCI Group Battery Size (Amp Hours)			
		24 NF (75)	27 NF (100)	8 D (200)	Dual 8D's (400)
33 cm (13") TV	50	14 hours	18 hours	42 hours	90 hours
Laptop computer	75	9	13	26	52
48 cm (19") TV	100	6	10	20	40
2 x 60 watt work lights	120	5	7.5	17	40