Xantrex Inverter 300

xantrex

12 VDC to 230 VAC /50 Hz Power Inverter

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Provides 300 watts of portable AC power from the battery in your vehicle, boat or RV

Ideal for powering recreational, mobile office equipment and other electronic appliances, the Xantrex 300 inverter transforms a vehicle's 12 volt DC lighter socket into a 230 volt AC outlet. It provides 300 watts (1.3 amps) of continuous power, which is suitable for a range of electronic products including power drills, fax machines, TVs, VCRs, and portable stereos. The Xantrex 300 inverter can surge to 600 watts, allowing it to handle equipment that requires more power at start up.

As an example, the Xantrex 300 Inverter can run a 49 cm (19") TV for approximately 6 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 300 watts
- 600 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
- Mounting brackets for convenient installation
- 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)	300 W
Surge capacity (peak)	600 W
Output voltage	230 VAC +/-5%
Output frequency	50 +/-3Hz
Output waveform	Modified sine wave
Peak efficiency	90%
No load current draw	<0.2 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	DC socket for lighter socket or cable clamps
Mounting bracket	Built-in
Internal fuse	40 A, not user replaceable
Dimensions (HxWxL)	66 x 104 x 200 mm (2.6 x 4.1 x 7.9”)
Weight	0.79 kg (1.74 lb)
Warranty	Two years
Part number	851-0305 (AUS/NZ)
	851-0306 (UK)
	851-0307 (Schuko)

Regulatory Approvals

CE, TUV/Type approved, *e* -mark

Note:
Specifications are based on a 12-volt DC nominal input. When operating products that require high surge or continuous power over 150 watts, we recommend hard wiring the inverter directly to the battery. Specifications subject to change without notice.

Continuous Operating Times for Popular Products

		BCI Group Battery Size(Amp Hours)			
Examples	**Power in Watts**	**24 NF (75)**	**27 NF (100)**	**8 D (200)**	**Dual 8D’s (400)**
Laptop computer	75	9 hours	13 hours	26 hours	52 hours
48 cm (19”) TV	100	6	10	20	40
Desktop computer	200*	3	4.5	10	20
Worklights	300*	2	2.8	6	12