

300W Pure Sine Wave Inverter

12V DC to 230V AC



Product Code: FBI300P

Barcode: 6002844062682

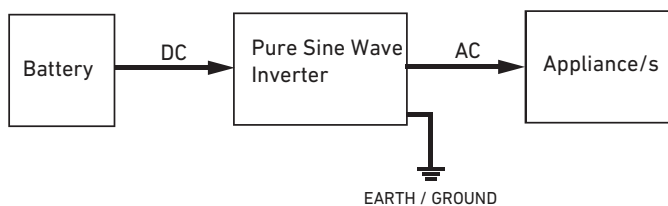


PRODUCT DESCRIPTION

This inverter converts DC power from a battery into 230 Volt AC "true sine wave" power which is identical to utility power which runs pumps, fans and motors quieter and cooler and more efficiently.

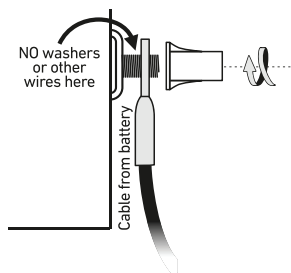
300 Watts of continuous output power and a compact design, makes this unit ideal for running any of the following: TV's, stereo's, laptop's, small PC's, chargers and many other home appliances as well as sensitive electronics or appliances with motors in them.

TYPICAL APPLICATION



Caution! Always connect the battery first and then the inverter.

DO NOT place anything between battery cable ring terminals and battery terminals. The terminal stud/bolt is not designed to carry current. Apply Anti-oxidant paste to terminals after terminals have been torqued.



- Reliable, proven design.
- Continuous operation.
- High power, heavy duty.
- Remote ON/OFF switch.



APPLIANCE POWER CONSUMPTION GUIDE

	300Watt	400Watt	500Watt	600Watt	800Watt	1000Watt	1500Watt
Cellphone/Camcorder charger: 10Watt	●	●	●	●	●	●	●
Computer/Printer/Fax: 150Watt	●	●	●	●	●	●	●
12" Three speed fan: 10Watt	●	●	●	●	●	●	●
20" TV/DVD: 300Watt	●	●	●	●	●	●	●
Home stereo: 350Watt	●	●	●	●	●	●	●
Fridge/Freezer: 350Watt	●	●	●	●	●	●	●
Electric garden tools: 475Watt	●	●	●	●	●	●	●
Portable vacuum: 525Watt	●	●	●	●	●	●	●
Coffee maker: 600Watt	●	●	●	●	●	●	●
Reciprocating saw: 720Watt	●	●	●	●	●	●	●
Mini microwave oven: 1000Watt	●	●	●	●	●	●	●
Full size microwave oven: 1400Watt	●	●	●	●	●	●	●

FBI300P

TECHNICAL INFORMATION

FEATURES

- Inverter Output Wave Form: Pure Sine Wave
- LED indicators showing power and fault status
- Hardwire Terminal Block
- DC/AC Isolated
- Pre-slotted mounting plate
- Over-voltage shut down
- Low-voltage alarm
- Low-voltage shut down
- Over-temperature shut down
- Output short-circuit protection
- DC reverse polarity protection by fuse
- Start: Soft Start
- Cooling: Thermal fan

SPECIFICATIONS

Inverter Input

DC Voltage: 12V
 Max. Amps: 27.5A
 Voltage Range: 11.5V - 15.5V
 No Load Current Draw: < 0.18A
 Efficiency: > 90%
 DC Connector: Cables

Inverter Output

AC Voltage: 230V ±3% 1.3 Amps Max.
 Continuous Power: 300W
 Surge Power: 600W
 Waveform: Pure sine wave
 Frequency: 50Hz
 AC Regulation: 5%

Protection

Low Voltage Alarm
 Low Voltage Shut Down
 Over Load: Shut Off Output
 Over Voltage Shut Down
 Over Temperature: Shut Down
 Fuses: Short Circuit

THE PACKAGE CONTAINS

- 1x Power inverter
- 1x Battery cable set
- 1x Remote on/off switch with cable
- 1x Instruction manual

PACKAGING DIMENSIONS

	Weight (kg)	Height (mm)	Width (mm)	Depth (mm)
Product				
Package	1.4	60.8	240	157

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