

400W 12V DC to 230V AC Pure Sine Wave Power Inverter

This 400W pure sine wave power inverter converts 12V DC power from a battery into 230V AC power. It features a standard AC outlet and a USB port for versatile charging options.



Overview

Professional Grade Pure Sine Wave Power

This 400W pure sine wave power inverter provides a reliable and clean energy solution for mobile applications, converting 12V DC battery power into stable 230V AC output. Designed for sensitive electronics, it features a durable aluminum housing and active temperature-controlled cooling for consistent performance. With an integrated LCD display and comprehensive safety protections, this unit is an ideal power source for RVs, yachts, trucks, and portable electrical setups.

Performance Metrics

Power Output

400 W

Continuous Power

800 W

Surge Power

89 %

Efficiency

Electrical Specifications

Output Waveform

Pure Sine Wave

Input Voltage	12 VDC
Output Voltage	230VAC / 120VAC
Standby Current	1.5 A

Connectivity

Output Ports

- 1 x USB (5VDC, 2A)
- 1 x AC Output (VDE, BS, SAA / Dual GFCI)

Safety & Protection

Protection Mechanisms

Feature	Threshold / Details
Low DC Input Alarm	10.5V
Low DC Input Shutdown	10.5V
High DC Input Shutdown	15.3V
Overload Protection	430W
Other Protections	Short circuit, Reverse Polarity

Environmental

Operating Temperature	-20 ~ 40
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Certifications

Certifications	EMC, LVD, RoHS
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