

# 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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