

# 200W Pure Sine Wave DC to AC Power Inverter

This 200W pure sine wave inverter converts 12V DC power to 230V AC power, delivering clean and stable electricity for sensitive electronics. It includes a standard AC outlet and a USB port, suitable for powering laptops, smartphones and other portable devices, with overload, short circuit, and over-temperature safeguards.



## Overview

### Reliable Power Conversion

This 200W pure sine wave inverter is engineered to convert 12V DC battery power into clean, stable 230V/120V AC power, making it an ideal solution for sensitive electronics. It features a compact, durable aluminum housing with intelligent temperature-controlled fan cooling for optimal performance. Equipped with an LCD digital display, users can easily monitor voltage, current, power, and battery levels in real-time.

## Performance Metrics

### Continuous Power

**200 W**

Continuous Power

**400 W**

Surge Power

**89 %**

Efficiency

## Electrical Specifications

Input Voltage	12V DC
Output Voltage	230VAC / 120VAC
Output Waveform	Pure Sine Wave
Standby Current	1.5 A

## Connectivity & Interface

USB Output	5VDC, 2A
AC Output Connections	VDE, BS, SAA, Dual GFCI

## Safety & Protections

### Protection Mechanisms

- Low DC input voltage alarm (10.5V)
- Low DC input voltage shutdown (10.5V)
- High DC input voltage shutdown (15.3V)
- Short circuit protection
- Overload protection (270W)
- Reverse Polarity protection

## Environmental & Build

Operating Temperature	-20 to 40
Housing Material	Aluminum

## Certifications

Certifications  
EMC • LVD • RoHS