

2kW 12V Pure Sine Wave Low Frequency Power Inverter

This 2kW 12V power inverter utilizes a low-frequency transformer design to provide a stable and reliable AC power output. It features multiple protection mechanisms, including overload, over-voltage, and short-circuit protection, safeguarding both the inverter and connected devices.



ADDITIONAL IMAGES



Product Overview

Reliable Power Conversion

This 2kW low-frequency power inverter is engineered to deliver a pure sine wave output, ensuring safe and stable power for sensitive home and office electronics. Built with a robust internal transformer, it offers enhanced reliability and surge capacity compared to high-frequency alternatives. The unit integrates a powerful AC charger and intelligent battery management, making it an ideal long-backup solution for critical applications.

Technical Specifications

Power Rating

2 kW Power Output	12 V Input Voltage
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Key Features

- Pure sine wave output
- Low-frequency transformer design
- Integrated high-capacity AC charger
- Intelligent variable speed fan
- Selectable battery charge current and type
- LED/LCD display with buzzer alarms

Rear Panel Interface

Component	Function
AC Output Socket	Power supply for appliances
Charger Input	Input power protection
Inverter Output	Inverter output protection
Input/Output Terminals	Hardwired connections

Safety & Compliance

Certifications

CE • ISO 9001

Protection Mechanisms

Overload Protection, Short Circuit Protection, Low Battery Protection, High Battery Protection, Overcharge Protection