

6kW 48V Pure Sine Wave Low Frequency Power Inverter

This 6kW power inverter converts 48V DC power into a stable AC output. It utilizes a low-frequency transformer design and includes a dedicated charger input.



ADDITIONAL IMAGES



Overview

High-Performance Pure Sine Wave Inverter

This 6kW pure sine wave inverter is engineered with a robust low-frequency transformer design to provide safe, reliable, and clean AC power from a 48V DC source. It features an integrated high-capacity AC charger and intelligent variable-speed fan operation, making it an ideal long-backup solution for home and office appliances. With comprehensive built-in protection circuits, it ensures stability for sensitive equipment like fans, lights, TVs, AC units, and freezers.

Performance Metrics

Rated Power Output

6 kW Power Output	48 V Input Voltage
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Key Features

Certifications

CE • ISO 9001

Safety & Protection

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

Technical Specifications

System Specifications

Feature	Description
Waveform	Pure Sine Wave
Transformer Type	Low Frequency
Cooling	Intelligent Variable Speed Fan
Display	LED + LCD (Optional)
Charger	Built-in AC Charger