

# 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

<b>6 kW</b> Power Output	<b>48 V</b> 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