

Portable Modified Sine Wave Power Inverter

These portable inverters convert 12V or 24V electricity from a power source to a 220V output using a modified sine wave. They are designed for converting DC power to AC for various applications.



ADDITIONAL IMAGES



Overview

Versatile Power Conversion Solution

These portable power inverters provide a reliable solution for converting DC battery power into standard AC electricity. Designed for versatility, the series supports multiple applications including UPS, AVR, and mobile power charging. With advanced protection features and high conversion efficiency, these units ensure safe and consistent operation for laptops, small appliances, and remote electronic devices.

Performance

Output Waveform	Modified Sine Wave
Efficiency	90 %
Output Frequency	50/60Hz \pm 0.5
Overload Capacity	110%~130% for 10 seconds

Technical Specifications

Input Voltage Options	12V DC, 24V DC
Output Voltage	AC 220-240V or AC 110-120V
Max Charging Current	20 A
Minimum Battery Capacity	48 Ah

Safety & Certification

Protection Features

- High Voltage Protection
- Low Voltage Protection
- Overheat Protection
- Overload Protection
- Short Circuit Protection

Certifications

CE (LVD) • CE (EMC)

Cooling System

Smart fan (Automatic startup at 65°C)

EPS Series Specifics

Transfer Time (Inverter to Mains)

4 ms

Transfer Time (Mains to Inverter)

20 ms