

500W Pure Sine Wave Power Inverter DC 12V to AC 220-240V

This 500W pure sine wave inverter converts 12V DC input to 220-240V AC output at 50Hz. It features a USB output of DC 5V - 2.1A and a peak power capacity of 1000W.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Pure Sine Wave Power Inverter

This 500W pure sine wave inverter is engineered to convert 12V DC input into a stable 220-240V AC output, providing clean power suitable for sensitive electronics. It features a robust aluminum enclosure for superior heat dissipation and durability, alongside advanced protection mechanisms including short circuit, over-temperature, and voltage regulation. With its intelligent double CPU design and automatic cooling system, it ensures reliable performance and high conversion efficiency for household, office, and industrial applications.

Technical Specifications

Power Ratings

500 W

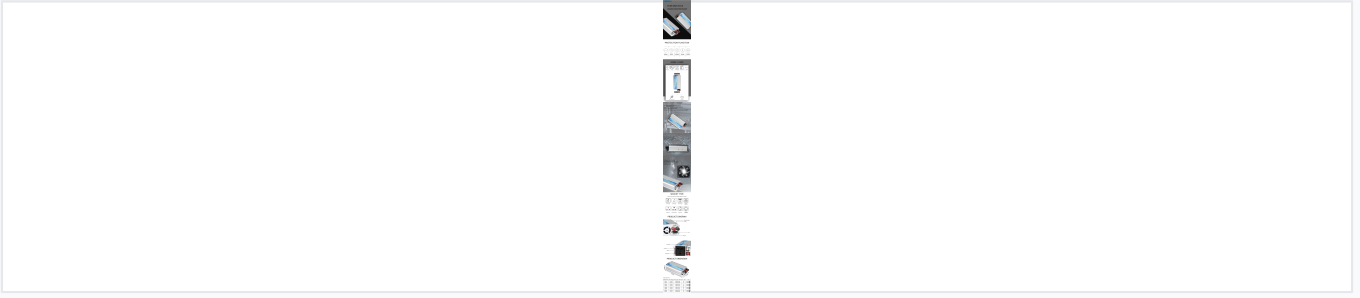
Rated Power

1000 W

Peak Power

Input Voltage	12 V
Output Voltage	220-240
Output Frequency	50 Hz
USB Output	DC 5V - 2.1A
Cooling System	Intelligent fan activates automatically at 40°C

Physical Characteristics



Product diagram highlighting the robust aluminum construction, intelligent cooling fan, and interface layout.

Dimensions	205 x 97.5 x 58 mm
Net Weight	1 kg
Housing Material	Aluminum alloy with hard oxidation treatment

Compliance & Safety

Protection Features

- Short circuit protection
- Over-temperature protection
- Over-voltage protection
- Under-voltage protection

Certifications	CE, RoHS, FCC
-----------------------	---------------