

500W Pure Sine Wave Power Inverter

This 500W pure sine wave inverter converts DC power to AC power. It is designed with safety features and protections to ensure reliable performance for applications requiring clean and stable AC power from a DC source.



Product Overview

Professional Pure Sine Wave Conversion

This 500W pure sine wave inverter is designed to convert DC battery power into high-quality 220V AC output, ensuring safe and reliable operation for sensitive household and professional equipment. Engineered with advanced microcomputer control technology, it provides high-precision output, wide voltage regulation, and integrated protection against overload, short-circuit, and thermal risks. Its robust design is ideal for applications requiring stable power, from standard home appliances like refrigerators and induction cookers to specialized electronic systems.

Performance Specifications

Rated Power

500 W

Rated Power

Output Waveform	Pure Sine Wave
-----------------	----------------

Voltage Regulation	Yes
--------------------	-----

Safety & Protection

Integrated Safety Systems	Overload Protection, Short Circuit Protection, Over-voltage Protection, Under-voltage Protection, Over-temperature Protection
---------------------------	---

Interface & Compatibility

Compatible Equipment

- Television
- Refrigerator
- Induction cooker
- Electric fan
- Microwave oven
- Air conditioner

Status Display	LED Indicator (Optional upgrade to full digital LCD)
----------------	--

Certification

Quality Compliance

CE