

500W DC to AC Power Inverter

This DC to AC power inverter converts direct current (DC) electricity into alternating current (AC) electricity. It delivers 500 watts of continuous power with a peak output of 800 watts.



Product Overview

Versatile DC to AC Power Conversion

This DC to AC power inverter is designed to efficiently convert direct current into stable alternating current. Engineered for reliability, it features a high switching ratio of 90% and robust safety protections, including low voltage cutoff and short circuit prevention. Compact and maintenance-free, it is an ideal solution for powering appliances in vehicles, marine environments, and renewable energy setups like solar or wind power.

Performance Metrics

Power Ratings

500 W Continuous Power	800 W Peak Power	90 % Efficiency
----------------------------------	----------------------------	---------------------------

Electrical Specifications

Input & Output

Parameter	Value
Input Voltage	12V / 24V DC
Output Voltage	220V AC
Frequency	50Hz

Safety & Features

Design Features

- Compact and lightweight design
- Silent operation
- Maintenance-free

Safety Protections

Low Voltage Protection (10.5V), Over-frequency Protection, Over-voltage Protection, Short Circuit Protection

Applications

Suitable Applications

Vehicles • Marine/Steamboats • Solar Power Systems • Wind Power Systems • Mobile Workstations • Emergency Rescue

Warranty

Warranty	1 Year
----------	--------