

200W DC 12V to AC 220V Power Inverter

This 200W power inverter converts DC 12V power from a car cigarette lighter socket to AC 220V power. It features multiple USB ports and AC outlets for versatile connectivity and includes overload protection and a built-in cooling fan.



ADDITIONAL IMAGES



Product Overview

Compact Power Solution

This 200W power inverter is designed to convert DC electricity from 12V sources into AC 220V power, making it an essential tool for mobile offices, camping, and emergency situations. Its compact, lightweight design ensures portability without sacrificing stability or conversion efficiency. With integrated USB output and robust safety protections, it provides a reliable power source for small electrical equipment and digital devices.

Performance Metrics

Rated Power

200 W

Rated Power

200 W

Peak Power

Electrical Specifications

DC Input Range	11-15V
AC Output Voltage	220V \pm 10%
Output Frequency	50 Hz
USB Output	DC 5V Max 2.4A
Conversion Efficiency	85 %

Safety & Protection

Protection Thresholds

Parameter	Value
Low Voltage Alarm	10.2 - 10.8V
Over Voltage Shut Down	15 - 16V
Overload Shut Down	170 - 200W

Safety Features

Low Voltage Alarm, Over Voltage Shut Down, Overload Protection, Short Circuit Protection

Operating Environment

Operating Temperature	5 - 35°C
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