

300W Car Power Inverter DC 12V to AC 220V

This modified sine wave inverter converts DC power to AC power for use with various appliances. It maintains a stable output voltage and protects against damage with a special circuit design.



ADDITIONAL IMAGES



Product Overview

Reliable Mobile Power Solution

The 300W modified sine wave inverter efficiently converts DC vehicle power into standard AC output, making it an essential tool for powering household appliances, solar setups, and telecommunication devices. Engineered for durability, the unit handles starting currents up to three times its rated capacity and features intelligent cooling for extended lifespan. With built-in grounding and interference reduction, it offers a safe and stable power source for road trips and emergency use.

Electrical Specifications

Output Power

300 W Continuous Power	600 W Peak Power
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Output Characteristics

- Waveform: Modified sine wave
- Output Voltage: 220V AC
- Voltage Regulation: +/- 10%
- Frequency: 50Hz-60Hz

Input Voltage	DC 12V (Range: 9.5V-15.5V)
USB Charging Port	5VDC, 500mA
Peak Efficiency	90 %

Safety & Design

Certifications	CE, RoHS
Cooling System	Load controlled intelligent fan
Internal Fuse	25A x 2

Physical Dimensions

Weights

Type	Weight
Net Weight	700g
Gross Weight	900g

Dimensions	185 x 102 x 58 mm
Operating Temperature	0 - 40°C