

Car Power Inverter

This car power inverter converts DC power from a vehicle's battery into AC power. It allows the use of household appliances and electronics in a car.



ADDITIONAL IMAGES



Overview

High-Efficiency Car Power Inverter

This versatile car power inverter converts DC battery power into reliable AC household power, making it an essential tool for mobile professionals and travelers. Designed with a modified sine wave output and a low harmonic distortion of only 3%, it ensures stable performance for a wide range of electronic devices. The unit features integrated USB charging ports and comprehensive safety protections to safeguard both your vehicle and your connected equipment.

Performance Metrics

Power Performance

300 W

Continuous Output

600 W

Peak Surge Power

3 %

Wave Distortion

Technical Specifications

Model Range Specifications

Model	Rated Power	Surge Power	Dimensions (mm)	Net Weight (g)
M100	100W	200W	83*63*37	215
M200	200W	400W	120*63*37	258
M300	300W	600W	140*78*47	370
M500	500W	1000W	205*100*60	783

Electrical Parameters

Kaval

Inverter



Equipped with dual USB 5V 2.1A ports for charging mobile devices alongside standard AC output.

DC Input Options	12V, 24V, 48V
AC Output Options	110V, 220V
Output Frequency	50/60Hz
USB Charging Ports	Double USB 5V 2.1A

Safety & Protection

Integrated Protections

- Low Voltage Alarm
- Low Voltage Shut Down
- Overload Protection
- Over Voltage Shut Down
- Overheat Protection

Compliance & Standards

Regulatory Compliance

CE • FCC • CNAS • RoHS

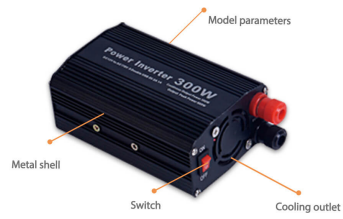
Standard Compliance

- GB 4943.1-2011
- 47 CFR FCC PART 15 SUBPART B
- ANSI C63.4:2014
- EN60695-1
- EN55032
- EN61000-3-2

Physical Construction

PRODUCT DESCRIPTION

INVERTER



The durable metal shell design includes a cooling outlet and manual power switch for safe operation.

Enclosure Material

Robust Metal Shell

Cooling Mechanism

Integrated cooling outlet for heat dissipation

Package Contents

Standard Accessories

- Replacement Fuse
- Cables with Clips