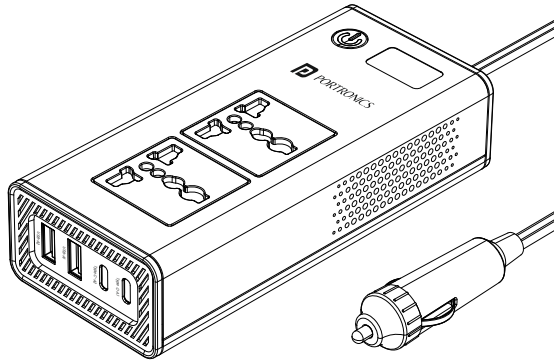


ZAPTOR

Car Inverter



User Manual

PACKAGE CONTENTS

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SAFETY PRECAUTIONS

1. General Precautions

- Check the rated power and peak power of your appliance before use.
- Do not use in humid environments; never immerse in water or rain.
- Do not open the case or insert objects into the socket to avoid risk of electric shock.
- Keep away from flammable and explosive materials. Do not cover the air inlet or outlet during use.
- Keep out of reach of children. Minors should not use the product.
- Turn off the inverter power switch if not in use for a long period.

2. Devices That Must Not Be Used

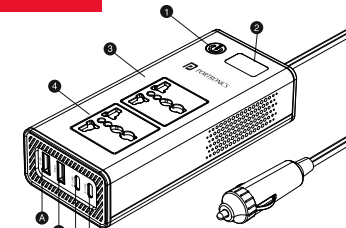
- Medical and public safety electrical equipment.
- Electrical appliances requiring precise frequencies (e.g., timers, measuring instruments).
- Phased appliances such as electric blankets, heated carpets, dimmers, etc.
- Fluorescent lamps with electronic triggers.
- Other appliances incompatible with this inverter's structure (contact customer support for details).

3. Important Notes for Electrical Appliances

- Lighting appliances: The rated power should include the fluorescent tube (total = equipment power + tube power).
- High-power appliances: Devices such as engines, standby TVs, electric kettles, rice cookers, irons, etc., may draw more than their rated power. Avoid use with the inverter.
- Maximum power range: Ensure the appliance's maximum power is within the inverter's usable limit. Example: if an appliance is rated 45W but can spike above 200W, do not use it with this inverter.

SPECIFICATION

- ❶ Inverter switch
- ❷ Input Voltage Display
- ❸ AC output socket
- ❹ AC output socket
- ❺ USB A QC3.0 (single port 36W)
- ❻ Type-c (single port 20W)



Input Voltage: DC 12V
 Rated Power: 200W
 When connected to the car socket, the maximum output power depends on the car fuse capacity.
 Example: If the fuse is 15A, then output = $15A \times 12V = 180W$
 AC Output Voltage/Frequency: 110V/240V | 50Hz~60Hz $\pm 2Hz$
 USB Output: USB -A QC3.0 (36W) $\times 2$ + Type-C (20W) $\times 2$
 Voltage Display: Intelligent digital display
 Power Switch: AC output switch
 Protection Features: Over-voltage protection, over-current protection, overload protection, short-circuit protection, low-voltage protection, and over-temperature protection

PRODUCT APPLICATIONS

This inverter can be used to power laptops, mobile phones, tablets, car lighting, air purifiers, car refrigerators, car vacuum cleaners, dash cams, razors, and other small appliances.
 It provides 220V (110V) AC power to meet daily electricity needs inside your car.

PROTECTION FEATURES

- Overload Protection: If the electrical load exceeds the rated power of 200W, the inverter will automatically shut down.
- Overcurrent Protection: The inverter will shut down automatically when the current is too high.
- Over-temperature Protection: If the internal temperature of the inverter reaches 85°C, it will automatically shut down.
- Low-voltage Protection (DC 9.5V~10.5V / DC 18V~19V): If the input voltage drops below 9.5V / 18V, the inverter will automatically shut down.
- Over-voltage Protection (DC 15V~16V / DC 30V~31V): If the input voltage exceeds 15V / 31V, the inverter will automatically shut down.
- Short-circuit Protection: If the connected appliance causes a short circuit, the built-in fuse will disconnect automatically to protect the appliance and the inverter.

TROUBLESHOOTING

Issue Possible Cause & Solution	
No Output	- Ensure the cigarette lighter plug is inserted tightly. - Check if the car fuse is intact; replace it if damaged. - If the inverter enters protection mode, remove the cigarette lighter plug, wait 30 seconds, and reconnect. - Verify that your car's cigarette lighter socket is functioning properly.
Appliances Stop Working	- If the appliance is short-circuited, the inverter will activate short-circuit protection. Resolve the fault and restart the inverter. - Ensure that the appliance's rated and peak power are within the inverter's supported range.



www.portronics.com

For Support

Visit : www.portronics.com

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Contact No.: +91 9555245245

(Working Hours: Monday - Saturday, 10:00am - 6:00pm)



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For E-Waste & ROHS compliance
 refer to www.portronics.com/ewaste