



AC Mobile
Power Inverter
CPS100PBU

User Manual



IMPORTANT SAFETY INFORMATION

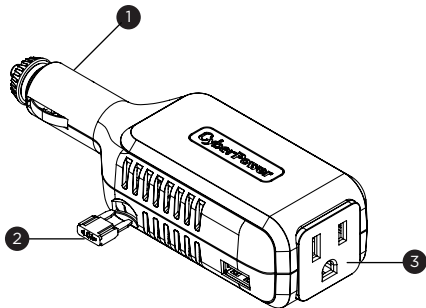
Before installing and using the CyberPower CPS100PBU Mobile Power Inverter, please read and follow these safety instructions:

- Do not operate the CPS100PBU near flammable materials, fumes, or gases.
- Always use the inverter where there is adequate ventilation. Do not obstruct the ventilation slots.
- Never immerse the unit in water.
- Proper cooling is essential when operating the inverter. Refrain from placing the inverter near the vehicle's heat vent, or in direct sunlight.
- When not in use, always remove the inverter from the DC accessory outlet.
- Check the warning labels on battery chargers or adapters before connecting them to the inverter. Do not connect battery chargers or adapters with warnings about using with inverters.

PACKAGE CONTENTS

- AC Mobile PowerInverter
- User Guide

PRODUCT FEATURES



1. 12V DC power plug
2. 10A DC fuse
3. 120V AC outlet

OPERATING AND STORAGE TIPS

Operating Tips

The inverter should only be operated under the following conditions:

- Dry - Do not allow water or other liquids to come into contact with the inverter.
- Moderate Temperature - Ambient air temperature should be between: 32°F - 77°F (0°C - 25°C). Keep the inverter out of direct sunlight.
- Free Air Flow - Keep the inverter's ventilation slots unobstructed to ensure air flow to the unit. Do not place any items on or over the inverter during operation. The unit will shut down if it overheats.

Storage Tips

- Proper storage temperature range is: 32°F - 86°F (0°C - 30°C)
- Store and use the inverter in a cool and dry environment.
- Avoid exposing the inverter to heating elements, direct sunlight, or high humidity.

SPECIFICATIONS

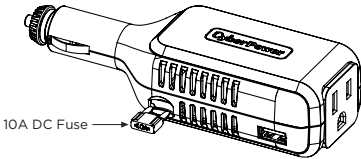
- Input Voltage: 13.8 Volts
- Output Peak Power: 100Watts
- Output Continuous Power: 75Watts
- Output Voltage: 120 Volts
- Output Frequency: 60 Hz
- Output Waveform: Modified Sine Wave
- Protection Features: Low Voltage, Overheat, Overload, Short Circuit

TROUBLESHOOTING

| Problem | Possible Causes | Suggested Solutions |
|--------------------|--|---|
| No AC output power | Poor contact with DC power outlet. | Ensure the inverter is securely plugged into vehicle's DC power outlet. Replace the DC power outlet if necessary. |
| | Automotive electrical system requires ignition to be on. | Turn the vehicle ignition to the "Accessory" position. |
| | Car's DC power outlet fuse is blown. | Check the vehicle fuse panel and replace the damaged fuse. |
| | Over-heating | Allow inverter to cool. Ensure that there is adequate ventilation around the unit and load does not exceed the unit's Continuous Power rating (see specifications). |
| | Vehicle's battery voltage is below 10.5 volts. | Unplug the inverter and start the vehicle to charge the battery. |
| | Vehicle's battery input voltage is higher than 15.5 volts. | Check your vehicle's user guide for troubleshooting. |
| | Inverter is overloaded. | Ensure load does not exceed the unit's Continuous Power rating (see specifications). |

FUSE REPLACEMENT

1. Unplug the inverter from the DC power outlet.
2. Remove 10A DC fuse.
3. Reassemble unit by reversing the instructions above.



Any special accessories needed for compliance must be specified in the instruction.

CAUTION: A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used. Use only shielded cables to connect I/O devices to this equipment.

⚠WARNING: This product can expose you to chemicals including Bisphenol-A, which is known to the State of California to cause birth defects or other reproductive harm.
For more information go to www.P65Warnings.ca.gov

FOR MORE INFORMATION

Visit CyberPowerSystems.com for more information regarding:

- Product information and certifications
- Product warranty
- Connected equipment guarantee

© 2022 Cyber Power Systems (USA), Inc. All rights reserved. All other trademarks are the property of their respective owners.

LEGAL NOTICES (FCC PART 15)

This equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: