

**150 Watt AC Mobile Power Inverter
User Guide**

This guide contains important information regarding safety, operation, maintenance, and storage of this product. Failure to read this guide and follow the directions could result in injury and/or property damage.

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Important Safety Information

Before installing and using the CyberPower CPS150BI Mobile Power Inverter please read and follow these safety instructions.

- Do not operate the CPS150BI (inverter) 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.
- Always turn the inverter off by removing it from the DC accessory socket when not in use.
- Check the warning labels on battery chargers or adapters before connecting them to the inverter. Do not connect battery chargers or adapters displaying warnings about using with inverters.

Introduction

Thank you for choosing the CyberPower CPS150BI AC Mobile Power Inverter. To enjoy all the features and benefits of CPS150BI, please read and follow all instructions completely.

CyberPower CPS150BI AC Mobile Power Inverter is a plug-and-play, cordless, portable source of 110/120 volt AC power. The AC Mobile Power converts DC battery power from your vehicle into standard 110/120 volt AC power, allowing you to power most notebook computers, cell phone chargers, camcorders, and other household products drawing 150 watts or less of AC power.

Package Contents

- This package includes:
- 150 Watt AC Mobile Power Inverter
 - Warranty Registration Card
 - CPS150BI User Guide

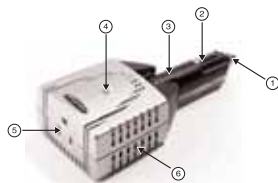
Product Features (Model CPS150BI)

Figure 1. Product Features

Product Features (Model CPS150BI) - continued

1. 12 volt positive (+) contact
2. 12 volt negative (-) spring contact
3. Swivel power plug adjustable 90 degrees right or left
4. Green LED indicator light
5. 120 volt AC outlet
6. Ventilation slots

Operation of Inverter

1. Remove the cigarette lighter from the automobile lighter socket and insert the CPS150BI into your vehicle's lighter socket.
2. Please make sure the unit is firmly plugged into your vehicle's lighter socket for proper operation. You may rotate the plug to make sure there is good contact.
3. A green LED light indicates the CPS150BI is operational.
4. Plug in your AC powered equipment. Verify your product draws 150 watts or less of AC power.
5. To avoid discharging the battery, always remove the CPS150BI plug from the lighter socket in your vehicle when not in use.

Operating and Storage Tips**Operating Tips**

CPS150BI inverter should only be operated in following conditions:

- Dry - Do not allow water or other liquid to come into contact with the inverter.
- Temperature - Ambient air temperature should be between 32°F - 86°F (0 °C - 30°C). Keep the inverter out of direct sunlight.
- Air Circulation - Keep the inverter's ventilation slots clear to ensure free 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 50 - 85°F (10 - 28°C). Please store and use the inverter in a cool and dry place.
- Avoid exposing the inverter to heating elements, direct sunlight, excessive humidity, or dampness.

Specification

Output Power	Max 150 Watts
Output Voltage	120 Volts +/- 10%
Output Frequency	60 Hz
Output Waveform	Simulated Sine Wave
Input Voltage	10,8 to 15,8 volts
Low Voltage Shutdown	10,5 volt

Troubleshooting

Problem	Possible Cause	Suggested Solutions
No AC output power (Power indicator is not illuminated)	Poor contact with lighter socket	Ensure the inverter adapter is securely plugged into vehicle's lighter socket. Replace the lighter socket if necessary.
	Automotive electrical systems requires ignition to be on.	Turn the vehicle ignition key to the "Accessory" position.
	Car's lighter socket fuse blown	Check the vehicle fuse panel and replace the damaged fuse.
	Over-heating	Allow inverter to cool down. Ensure that there is adequate ventilation around the unit and load is no more than 150 watts.
	Vehicle's battery below 10.8 volts.	Unplug the inverter and charge the vehicle battery.
Short/Long Beep	Your vehicle's battery input voltage is below than 10.8 volt.	Check vehicle's battery and verify it is fully charged. Change vehicle's battery if necessary.
	Vehicle's battery input voltage is higher than 15.8 volt.	Check for your vehicle's user guide for troubleshooting.
	Inverter is overloaded.	Reduce load to 150 watts or less.

DC Fuse Replacement

The CPS150BI contains a fuse inside in the lighter adapter (see Figure 2) to protect the unit against overloading. If the inverter draws more than 150 watts, the internal fuse may blow to protect the inverter, vehicle battery, and the connected equipment. To replace the fuse, please follow the instructions below:

1. Unplug the inverter from the power source.
2. Remove the contact retainer from the 12V DC adapter.
3. Replace the 15 amp fuse.
4. Reassemble the fuse, contact pin and contact screw carefully.
5. Ensure all pieces shown in Figure 2 are installed in the correct sequence.

* Note: For in-warranty units, the replacement fuse can be obtained from CyberPower Technical Support. For out-of-warranty units, the replacement 15 amp fuse can be obtained from most electronic supply retailers.



Figure 2. Fuse Replacement

Product Limited Warranty

CyberPower warrants the CPS150BI ("Inverter") to be free from defect in material or manufacture for two years. If a defect results in product failure during its normal use, CyberPower's sole responsibility is to repair or replace (as its sole option) the Inverter.

The foregoing Limited Warranty is the consumer's sole and exclusive remedy and excludes any incidental or consequential damages. Some States do not allow the exclusion or limitation of incidental and consequential damages, so certain of the above limitations or exclusions may not apply to you (the Consumer). This limited warranty gives the Consumer specific legal rights and the Consumer may have other rights, which vary from State to State.

To make a Limited Warranty claim:

1. Pack and ship the Inverter to CyberPower at 5555 12th Ave. E., Suite 110, Shakopee, MN 55379.
2. Clearly indicate on the outside of the packaging that this is a "WARRANTY RETURN"
3. Clearly include your name and address (a) on the outside packaging and (b) on a sheet of paper enclosed in the box with the Inverter that is being returned.
4. You MUST prepay all shipping costs and you are responsible for packaging and shipment for the return of the defective product.

CyberPower™

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