

150 Watt AC Mobile Power Inverter
User Guide



This guide contains important information regarding the 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 CPS150SI Mobile Power Inverter please read and follow these safety instructions.

- Do not operate the CPS150SI 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 with warnings about using with inverters.

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Introduction

Thank you for choosing the CyberPower CPS150SI AC Mobile Power Inverter. To enjoy all the features and benefits of CPS150SI, please read and follow all instructions completely.

The CyberPower CPS150SI AC Mobile Power Inverter is a plug-and-play, 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 electronic products drawing 150 watts or less of AC power.

Package Contents

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

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Product Features (Model CPS150SI)

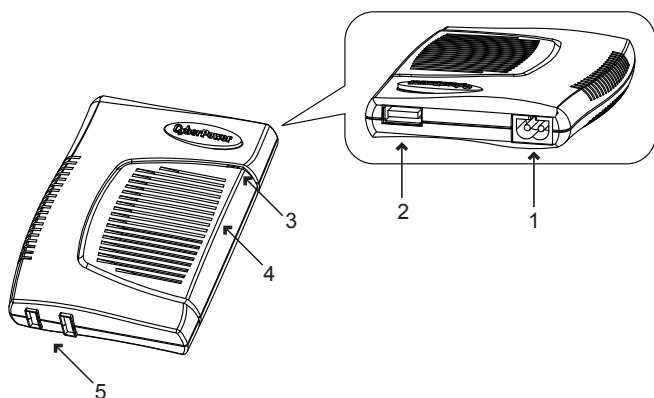


Figure 1. Product Features

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Product Features (Model CPS150SI) - continued

- 12 volt input socket
- USB charging port
- LED indicator light
- Cooling Fan
- 120 volt AC outlet

Operation

- Remove the cigarette lighter from the automobile lighter socket and insert the CPS150SI into your vehicle's lighter socket.
- Verify that the product draws less than 150 watts and plug it into the CPS150SI.
- 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.
- An LED light indicates the CPS150SI is operational.
- To avoid discharging the battery, always remove the CPS150SI plug from the lighter socket in your vehicle when not in use.

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Operating and Storage Tips

Operating Tips

The CPS150SI inverter should only be operated under the following conditions:

- Dry - Do not allow water or other liquids 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°F - 85°F (10°C - 28°C)
- Please store and use the inverter in a cool and dry place.
- Avoid exposing the inverter to heating elements, direct sunlight or high humidity.

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Specifications

Output Max Power	Max 150 Watts
Output Continuous Power	120 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

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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 system requires ignition to be on.	Turn the vehicle ignition key to the "Accessory" position.
	Car's lighter socket fuse is 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 120 watts for continuous operation.
Short/Long Beep	Vehicle's battery voltage is below 10.8 volts.	Unplug the inverter and start the vehicle to charge the battery.
	Your vehicle's battery input voltage is below 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. Inverter is overloaded.	Check your vehicle's user guide for troubleshooting. Reduce the connected equipment to 150 watts or less.

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DC Fuse Replacement (For Cigar Plug)

The CPS150SI 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 open to protect the inverter, vehicle battery, and the connected equipment. To replace the fuse, please follow the instructions below:

- Unplug the inverter from the power source.
- Remove the contact retainer from the 12V DC adapter.
- Replace the 15 amp fuse.
- Reassemble the fuse, contact pin, and contact screw carefully.
- 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.

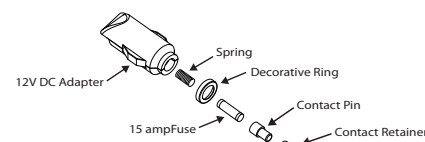


Figure 2. Fuse Replacement

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Product Limited Warranty

CyberPower warrants the CPS150SI ("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:

- Pack and ship the Inverter to CyberPower at 5555 12th Ave. E., Suite 110, Shakopee, MN 55379.
- Clearly indicate on the outside of the packaging that this is a "WARRANTY RETURN"
- 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.
- You MUST prepay all shipping costs and you are responsible for packaging and shipment for the return of the defective product.

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