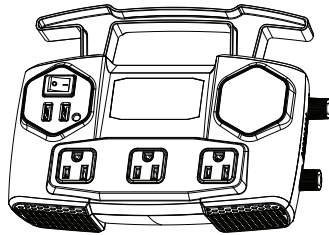


CyberPower®

480 User Guide AC Mobile Power Inverter CPS480TG2U



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.

Before installing and using the CyberPower power inverter please read the manual. Misusing or incorrectly connecting the Inverter may damage the equipment or create hazardous conditions for users. Read the following safety instructions and pay special attention to all **CAUTION** and **WARNING** statements in the manual.

- Do not operate the 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 or other liquids.
- 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.

Introduction

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

The power inverter is a portable source of 120 volt AC power. The AC power converts DC battery power from your vehicle into standard 120 volt AC power, allowing you to power most notebook computers, cell phone chargers, camcorders, and other electronic products drawing AC power.

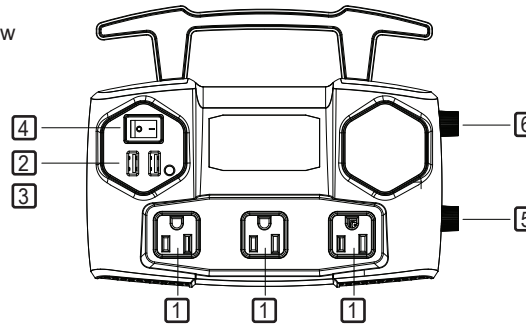
Package Contents

This product package includes:

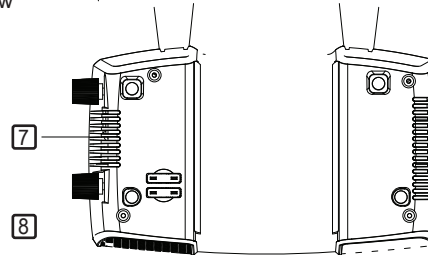
- AC Power Inverter
- Cigar Plug Cable
- Battery Clamp Cable
- User Guide

Product Overview

Front View



Back View



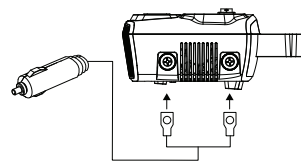
Product Features

1. 120 volt AC outlet
2. USB charging ports (2.1 AMPS)
3. LED indicator light [Power LED(Green), Input / Output Fault (Red)]
4. ON/OFF Switch
5. DC Input positive terminal
6. DC Input negative terminal
7. Cooling Fan
8. Fuse

Operation: Connecting the power cord for loads under 150 watts

Follow these steps to connect the PowerTrip 480 to the vehicle cigarette lighter socket (for loads under 150 watts)

1. Place the inverter on a flat surface on your vehicle floor.
2. Make sure the power switch on the panel is off.
3. Take the power cord equipped with the cigar plug and place the ring terminals over the two cabling terminals on the back of the inverter.
4. Place the inverter cigar plug in the vehicle cigarette lighter socket.



CAUTION :

1. Connect the RED cable to the POSITIVE terminal of the inverter.
2. Connect the BLACK cable to the NEGATIVE terminal of the inverter.

5. Turn on the power switch. The green light indicates that the inverter is operating normally and that AC power is available at the outlet.
6. Verify that the connected device(s) draws less than 150 watts and plug into the AC outlet.
7. Always turn the inverter off when not in use.

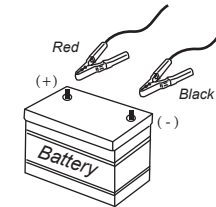


Make sure you connect cable red to red and black to black, and make sure you screw the nuts on tightly.
Use the cigar plug cable only when the vehicle's engine is running.
Use the cigar plug cable with the engine off will cause excessive battery drain.

Operation: Connecting the power cord for loads over 150 watts

Follow these steps to connect the power inverter directly to the vehicle's battery (for loads over 150 watts).

1. Place the inverter on a flat surface.
2. Make sure the power switch on the panel is off.
3. Take the power cord equipped with battery clamps on one end and place the ring terminals over the two cabling terminals on the back of the inverter.
4. Fasten the positive (red) clamp to the positive battery post, and then fasten the negative (black) clamp to the negative battery post.



CAUTION :

1. Connect the RED cable to the POSITIVE terminal of the battery.
2. Connect the BLACK cable to the NEGATIVE terminal of the battery.

5. Turn on the power switch. The green light indicates that the inverter is operating normally and that AC power is available at the outlet.
6. Take device power cord plug into the inverter AC outlet.
7. Always turn the inverter off when not in use.



A reverse polarity connection (positive to negative) will blow a fuse in the inverter and may permanently damage the unit. Damage caused by a reverse polarity connection is not covered by your warranty.



Batteries contain corrosive materials and present an electrical shock hazard. To prevent irritation and burns, wear protective eyewear and clothing when you install the inverter or work with the batteries. Take special care to ensure that metal tools and personal metal objects like rings and bracelets do not contact the battery terminals.

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 - 104°F (0°C - 40°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 - 122°F (0°C - 50°C)
- Store and use the inverter in a cool and dry environment.
- Avoid exposing the inverter to heating elements, direct sunlight, or high humidity.