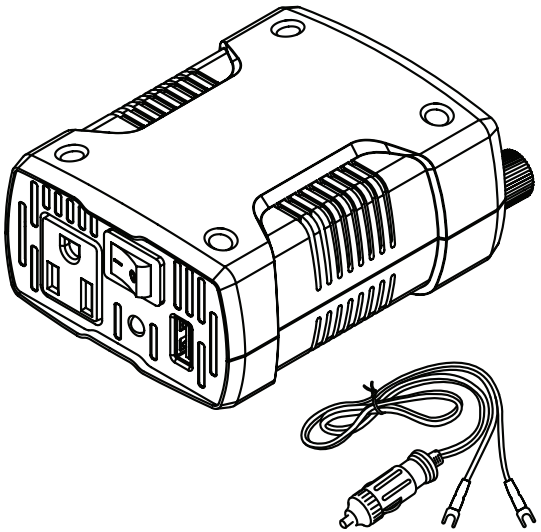
CyberPower®

YOUR ULTIMATE ALLY IN POWER

POWERTRIP™ 240
AC MOBILE POWER INVERTER

CPS240PAU

USER MANUAL



FEATURES

1. **120V AC outlet**
2. **USB Charging Port**
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**

SPECIFICATIONS

Model Number:	CPS240PAU
Input Voltage:	11 to 15 V
Output Peak Power:	240 W
Output Continuous Power:	200 W
Output Voltage:	120 V
Output USB Voltage:	5 V
Output Frequency:	60 Hz
Output Waveform:	Simulated Sine Wave
Input Fuse (internal):	25 A
Input Fuse (cigar plug);	15 A
Protection Features:	Overload, Overvoltage, Overheating, Short-circuit

⚠WARNING: This product can expose you to chemicals including bisphenol A (BPA) and styrene (ABS), which is known to the State of California to cause reproductive harm and cancer. For more information, go to www.P65Warnings.ca.gov.

IMPORTANT SAFETY WARNINGS

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 8 following safety instructions and pay special attention to all CAUTION and WARNING statements in the manual.

CAUTION! Do not operate the inverter near flammable materials, fumes, or gases.

CAUTION! Always use the inverter where there is adequate ventilation. Do not obstruct the ventilation slots.

CAUTION! Never immerse the unit in water or other liquids.

CAUTION! Proper cooling is essential when operating the inverter. Refrain from placing the inverter near the vehicle's heat vent or in direct sunlight.

CAUTION! Always turn the inverter off when not in use by removing it from the DC accessory port.

CAUTION! Check the warning labels on battery chargers or adapters before connecting them to the inverter. Do not connect battery chargers or adapters that have warnings about using with inverters.

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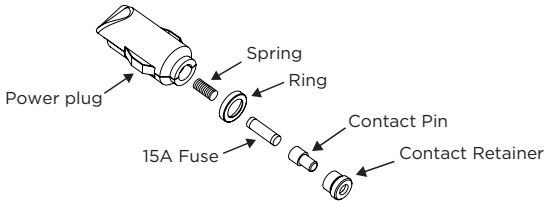
CyberPowerSystems.com

DC FUSE REPLACEMENT

The CPS480TG2U/B inverter contains protection fuses. Two on the inverter body and the other on the cigar plug cable to protect the unit against overloading. If the inverter draws more than 150 watts via the cigar plug connection, or more than 480 watts via the battery clamp connection, the internal fuse may open to protect the inverter, vehicle battery, and the connected equipment.

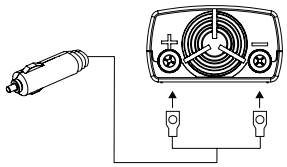
To replace the fuse, please followthe instructions below:

1. Turn off the inverter and disconnect any devices from the inverter.
2. Disconnect the inverter from power source and remove the leads.
3. Pull the fuse straight out of the holder.
4. Replace with a new 25-amp fuse in the inverter body or a 20-amp fuse located inline on the cigar plug cable.



BASIC OPERATION - Loads Under 150W

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.

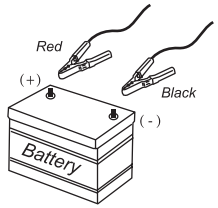
CAUTION - Make sure you connect cable red to red and black to black, and make sure you screw the nuts on tightly.

CAUTION - Use the cigar plug cable only when the vehicle's engine is running.

CAUTION - Use the cigar plug cable with the engine off will cause excessive TM480 User Guide battery drain.

BASIC OPERATION - Loads Over 150W

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 thenfasten 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.

CAUTION - 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.

WARNING - 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.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No AC output Red LED lit	DC input is below 11 Vdc or over 15 Vdc	Check your battery volts and recharge or replace the battery.
	Short Circuit	Disconnect the load.
	Overload	Reduce the load.
	Inverter hot	Disconnect the load and operate the inverter for a few minutes.
No AC output Green LED not lit	Bad connection or wiring	Tighten all DC connections
	Fuse is blown	Check fuse and replace or call service.
Motorized power tool will not operate.	Excessive startup load. If the start up load exceeds the inverter's peak load capability it will not work.	Disconnect the load until the inverter operates normally and connect the load again.

OPERATING AND STORAGE 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.
- 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.

FOR MORE INFORMATION

Visit CyberPowerSystems.com for more information regarding:

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

TECHNICAL SUPPORT

Visit: CyberPowerSystems.com/support

Toll-Free: 1-877-297-6937

Hours of Operation: Monday - Friday: 7:00am - 6:00pm CST

CONFORMANCE APPROVALS

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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 a 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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.