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› [TRIPP LITE](#) /

› TRIPP LITE PV200CUSB 200W Car Power Inverter User Manual

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TRIPP LITE PV200CUSB 200W Car Power Inverter User Manual

Model: PV200CUSB | Brand: TRIPP LITE

INTRODUCTION

This manual provides instructions for the safe and efficient use of your TRIPP LITE PV200CUSB 200W Car Power Inverter. This device converts 12V DC power from your vehicle into standard 120V AC power and includes USB charging ports, designed for convenience and portability.

PRODUCT FEATURES

- Converts 12V DC to 120V AC power, providing 200 watts continuous and 400 watts peak power.
- Equipped with two standard AC outlets and two USB charging ports (2.1A and 1.0A).
- Designed to fit securely into a vehicle's cup holder for stability during travel.
- Plugs directly into any 12V cigarette lighter socket.
- Features built-in safety mechanisms including a 20 amp fuse, protection against overheating, under/over voltage, short circuits, overloads, and overcharging.
- Durable housing and integrated cooling fan for heat reduction and longevity.

PACKAGE CONTENTS

- TRIPP LITE PV200CUSB 200W Car Power Inverter
- Owner's Manual (This document)

SETUP INSTRUCTIONS

1. Step 1: Placement

Place the inverter securely into an available cup holder in your vehicle. Ensure it is stable and will not tip over during driving.

2. Step 2: Connect to Power Source

Insert the inverter's DC input plug (with the attached 3-foot cord) firmly into your vehicle's 12V cigarette lighter socket.

3. Step 3: Power On

Press the on/off switch located on the inverter. An illuminated switch indicates the inverter is receiving power.

4. Step 4: Connect Devices

Plug your AC-powered devices into the two standard AC outlets or your USB-powered devices into the 2.1A or 1.0A USB ports.



The image shows the TRIPP LITE PV200CUSB inverter securely placed in a car's cup holder, demonstrating its compact design and ease of integration into a vehicle's interior. A USB cable is shown connected to one of its ports.

OPERATING INSTRUCTIONS

The PV200CUSB inverter is designed for ease of use. Once connected and powered on, you can use its outlets and ports to power and charge your electronic devices.

AC Outlets

The inverter provides two 120V AC outlets. These are suitable for devices requiring up to 200 watts of continuous power, such as laptops, portable DVD players, and small lights.

USB Charging Ports

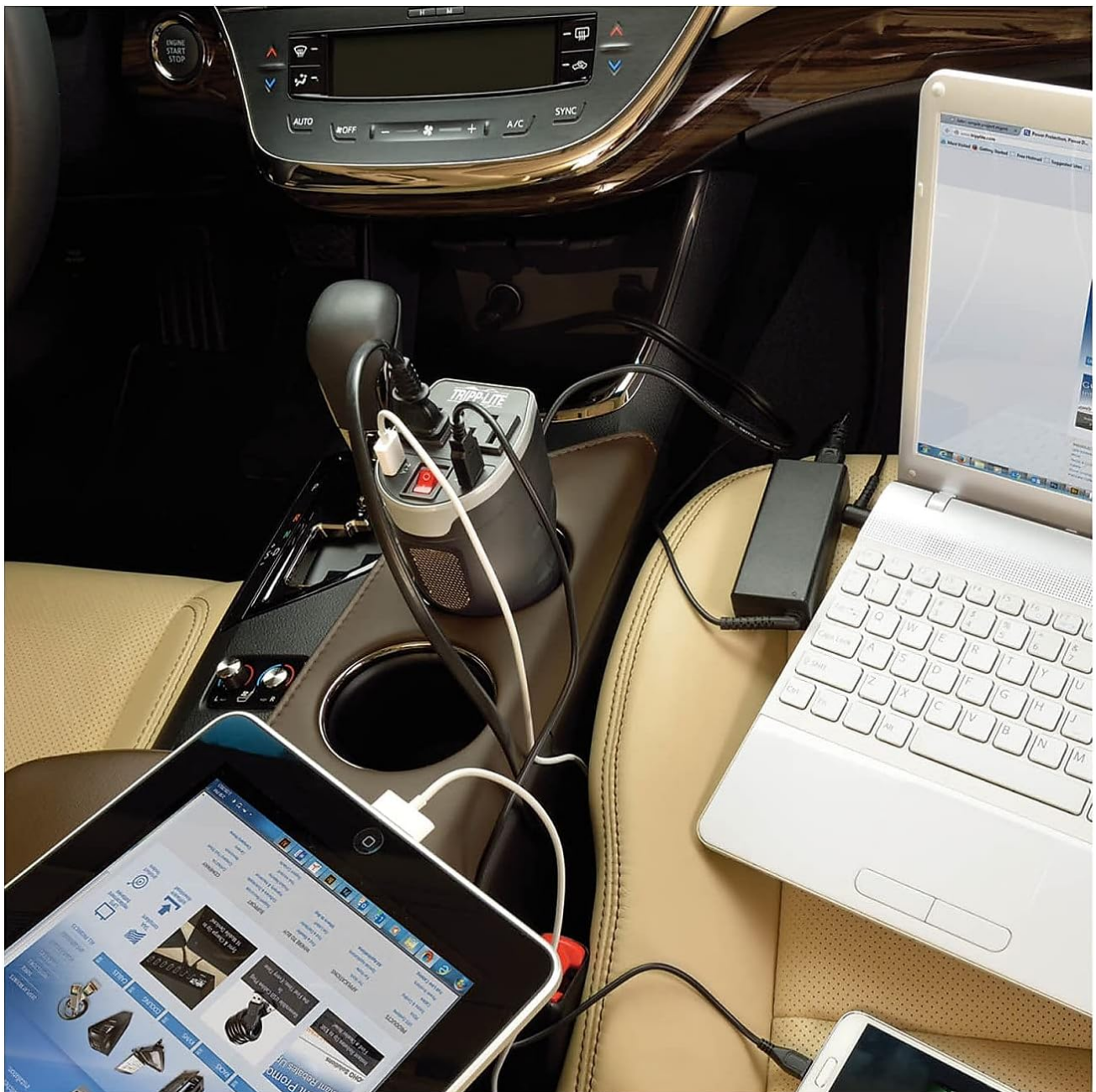
Two USB ports are available: one 2.1A port for faster charging of tablets and smartphones, and one 1.0A port for standard charging.

Power Indicator

The illuminated on/off switch serves as a power indicator. If the light is off, the inverter is either switched off or not receiving power.



This image provides a clear view of the inverter's front panel, highlighting the two AC power outlets, the 1.0A and 2.1A USB charging ports, and the prominent red on/off switch for easy control.



This image illustrates the inverter's capability to charge multiple devices at once, showing a laptop, a tablet, and a smartphone all connected and receiving power from the unit while inside a vehicle.

MAINTENANCE

The TRIPP LITE PV200USB inverter requires minimal maintenance.

- **Cleaning:** Periodically wipe the exterior with a dry cloth to remove dust. Ensure the ventilation openings are clear of obstructions.
- **Ventilation:** The built-in ventilation fan helps keep the interior cool during extended use. Do not block the fan or air vents.
- **Storage:** When not in use, store the inverter in a cool, dry place away from direct sunlight and extreme temperatures.



This image displays the rear of the inverter, featuring a circular ventilation grille and the point where the power cord connects, ensuring proper airflow for cooling.



The bottom view of the inverter reveals additional ventilation slots and a visible fuse compartment, indicating design elements for safety and heat dissipation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Inverter does not power on	Not plugged in correctly	Ensure the DC input plug is fully inserted into the 12V socket.
Inverter does not power on	Vehicle's 12V socket is not active	Check if the vehicle's ignition needs to be on for the 12V socket to function.
Inverter shuts down during use	Overload	The connected devices exceed the inverter's 200W continuous power rating. Reduce the load by unplugging some devices.
Inverter shuts down during use	Overheating	Ensure ventilation fan and vents are not blocked. Allow the unit to cool down.
Inverter shuts down during use	Low vehicle battery voltage	The inverter automatically shuts off if the input voltage falls to 10V to prevent draining your car battery. Start your vehicle to recharge the battery.
Inverter shuts down during use	Short circuit	Disconnect all devices and the inverter from the 12V socket. Check for any damaged cables or devices.

SPECIFICATIONS

Feature	Detail
Brand	TRIPP LITE
Model Number	PV200CUSB
Input Voltage	12 Volts DC
Output Voltage	120 Volts AC
Continuous Output Power	200 Watts
Peak Output Power	400 Watts
Number of AC Outlets	2
USB Charging Ports	1 x 2.1A, 1 x 1.0A
Electrical Output Waveform	Pure Sine Wave
Frequency	60 Hz

Feature	Detail
Item Dimensions (L x W x H)	5"L x 3.2"W x 7.3"H
Item Weight	14.05 ounces
Safety Features	Overheating, under/over voltage, short circuit, overload, overcharging protection, 20 amp fuse.

WARRANTY AND SUPPORT

This TRIPP LITE PV200USB Car Power Inverter comes with a 1-year limited warranty.

For technical support or warranty inquiries, please contact TRIPP LITE customer service. Free Chicago-Based Technical Support is available.

For more information, visit the official TRIPP LITE website.