

# Portable Power Inverter

User's Manual



Thank you for purchasing the 94315 100W Power Inverter. This device can be used to power laptops, tablets, mobile phones, portable gaming devices, cameras, and other portable devices. It can also charge 110/120V AC devices made for use in North America.

**PLEASE READ ALL INSTRUCTIONS BEFORE USING THIS POWER INVERTER.**

Thank you for choosing Power Gear! Please visit [www.jascoproducts.com](http://www.jascoproducts.com) for any additional information.

## Package Contents

- Power inverter
- User's Manual

## Features

- Fan-based cooling system
- Sliding safety outlet covers
- Blue LED power indicator
- 3 point pivoting head
- 100W continuous power
- 200W peak power
- 1.0A USB charging port
- Replaceable fuse

## Safety Features

- Low battery protection
- Over temperature shutdown
- Short circuit shutdown
- Overload protection

## IMPORTANT SAFETY INSTRUCTIONS

### ⚠ WARNING: RISK OF FIRE AND SHOCK

ALWAYS remove the inverter from the power port when not in use. Do not leave this inverter or any device operating unattended in the vehicle.

NEVER replace fuses with a higher rating than specified by the manufacturer.

DO NOT place any items on or over the inverter during operation. Always use the inverter where there is adequate ventilation.

AVOID placing the unit in direct sunlight or near the vehicle's heat vent.

DO NOT expose to extreme heat or flames.

Use ONLY in dry locations. NEVER immerse the unit in liquids such as water or use when wet.

DO NOT operate the inverter near flammable materials, fumes, or gases.

DO NOT insert foreign objects into the inverter's AC outlet, USB outlet or vents.

DO NOT open product case.

The inverter will NOT operate appliances and equipment that produce heat, such as hair dryers, microwave ovens and toasters.

Inverter is NOT recommended for use with inductive loads such as fluorescent lamps,

compressors & pumps.

DO NOT use the power inverter in a positive-grounded vehicle. Especially for older vehicles, check with your dealer or mechanic to find out if you have a positive-grounded vehicle. The majority of modern vehicles, RVs and trucks are negative ground.

DO NOT connect the inverter to household or RV AC distribution wiring.

KEEP AWAY FROM CHILDREN!  
The inverter is not a toy.

## Operating Instructions



The inverter must be connected only to batteries with a nominal output voltage of 12 volts. The unit will not operate from a 6 volt battery and will be damaged if it is connected to a 24 volt battery.

1. Plug inverter into you vehicle's power port. Adjust the inverter's plug as needed for better positioning.

*Note: You can use an AC and USB device at the same time, but the total power load can not exceed 100W.*

2. Slide safety covers to display desired outlet.
3. Plug in your device into the USB and/or AC outlet.

## Operating Tips

Operate the inverter only in the following conditions:

**DRY** – Do not allow water or other liquids to come into contact with the inverter.

**COOL** – Ambient air temperature should be between 32°F and 77°F (0°C – 25°C). Keep the inverter away from direct sunlight, if at all possible.

**VENTILATED** – Keep the area surrounding the inverter clear to ensure free air circulation around the unit. Do not place items on or over the inverter during operation. The unit will shut down if the internal temperature gets too hot. The unit will restart once it cools down.

**SAFE** – Do not use the inverter near flammable materials or in a location that may accumulate flammable fumes or gases.

## Replacing the Fuse

If the fuse has blown, replace it with a 15A Mini Blade Automotive Fuse (not supplied)

1. Take the fuse removal tool and grasp onto the fuse.
2. Pull fuse outward until removed from inverter.
3. Place new fuse into the appropriate fuse location.



**Caution:**  
DO NOT use a fuse with a different rating. Doing so can damage your inverter.

MAKE SURE new fuse has been securely placed in slot.

## Troubleshooting

If a device doesn’t power up, or the power indicator doesn’t light up, there are several possible causes:

**Vehicle battery voltage is lower than 10V**  
Run the vehicles engine to recharge the battery.

**Temperature exceeds 167°F (75°C)**  
Unplug the device and wait until the inverter cools. Your devices power requirement might also exceed the inverter’s rating.

**Continuous power load exceeds 100W**  
Disconnect the device. Ensure the total power consumption of all devices connected to the inverter does not exceed 100 watts.

**Blown Fuse**  
See “Replacing the Fuse.”

**For Product support, call 1-800-654-8483**

## Specifications

Output Waveform: Modified Sine Wave  
Output Power: 100W continuous power  
DC Input: 13.8V DC --- 8A  
Output Voltage: 115 VAC @ 13.8V DC  
USB Output: 5V DC @ 1000 mA  
Fuse: 15A Mini Blade Automotive  
Dimensions (H x W x D) - 138 x 70 x 39mm

### FCC Information

This device complies with the part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (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 communication. 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 following measures

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

Changes or modification not expressly approved by Jasco Products may cause interference and void the user’s authority to operate the equipment.

## 90 Day Limited Warranty

Jasco Products warrants this product to be free from manufacturing defects for a period of ninety days from the original date of consumer purchase.

This warranty is limited to the repair or replacement of this product only and does not extend to consequential or incidental damage to other products that may be used with this unit. This warranty is in lieu of all other warranties express or implied. Some states do not allow limitations on how long an implied warranty lasts or permit the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific rights, and you may also have other rights which vary from state to state. Simply return to: Jasco Products Company, 10 E Memorial Rd. Oklahoma City, OK 73114