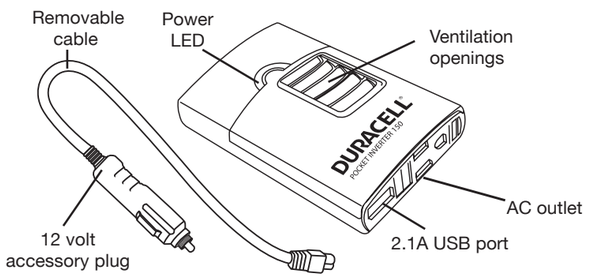
DURACELL®

150 Watt Power Inverter User Guide



SAVE THESE INSTRUCTIONS – this manual contains safety and operating instructions for the Inverter. 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 guide. Failure to follow these safety guidelines may cause personal injury and/or damage to the inverter. It may also void your product warranty.

- **Warnings** identify conditions that may result in personal injury or loss of life.
- **Cautions** identify conditions or practices that may damage the unit or other equipment.

⚠ WARNING

This guide contains important safety and operating instructions in how to use the Inverter to power loads using the AC outlet and USB port. Read this guide fully for safe operation of this Inverter.

1. Do not expose the Inverter to moisture, rain, or snow.
2. Do not operate the inverter if it has received a sharp blow, been dropped, or otherwise damaged in any way; contact the manufacturer for repair or replacement.
3. Do not disassemble the inverter. Incorrect reassembly may result in shock or fire hazard.
4. To reduce risk of electric shock, unplug the inverter from the DC accessory outlet before attempting any maintenance or cleaning.

⚠ WARNING: BURN, FIRE HAZARD

The inverter housing may become warm and may reach temperatures approaching or beyond 140° F (60° C) under extended high power operation. During operation, keep it away from materials that may be affected by these temperatures. Do not use the inverter in ambient temperatures above 104° F (40° C). Allow for proper ventilation and do not cover the ventilation openings with anything that may overheat the inverter during operation.

⚠ WARNING: MEDICAL EQUIPMENT

This product is NOT tested, designed nor intended to be used with life support systems or any other medical devices.

⚠ WARNING: PROPER APPLICATION

Do not use this product for any application except that for which it is intended.

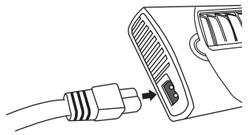
⚠ WARNING: RISK OF UNSAFE OPERATION

When using tools or equipment, basic safety precautions should always be followed to reduce the risk of personal injury. Improper operation, maintenance or modification of equipment could result in serious injury and property damage. We strongly recommend that this product NOT be modified and/or used for any application other than for which it was designed. Read and understand all warnings and operating instructions before using any equipment.

⚠ CAUTION: VEHICLE BATTERY DISCHARGE

Some vehicles' DC accessory socket remain powered even when the ignition switch or engine is turned off. To avoid discharging the vehicle's battery, always remove the inverter from the DC accessory socket when not in use.

1. Plug the removable cable into the inverter's input socket.



2. Plug the accessory plug into your vehicle's accessory socket.
3. Plug an AC-powered device into the three-prong AC receptacle and turn the device on. Make sure that the power rating of the device is less than the "peak power" of the inverter.
4. Plug a USB-powered device into the USB port. The USB port can be used separately and simultaneously while AC loads are connected and running via the AC receptacle.

Troubleshooting

This section will help you identify the source of most problems that can occur with the inverter. If you have a problem with the inverter, please review this section before contacting your dealer.

Possible cause	Remedy
An overload/over-temperature shutdown has occurred.	Use an AC-powered device that has a power rating of less than the rated "peak power". Allow the inverter to cool down, or try to reduce the ambient temperature and try again. Do not cover the inverter's ventilation openings.
High starting surge has caused an overload shutdown.	Use an AC-powered device that has a surge power rating less than the surge power rating of the Inverter.
Vehicle's ignition switch is turned off thus the DC accessory socket is also off.	Turn the vehicle's ignition switch to ON. Consult your vehicle's manual for instructions.
Poor contact with the DC accessory socket	Adjust the inverter's DC plug to ensure a snug fit. If needed, clean the DC accessory socket.
Vehicle battery is discharged.	Recharge the vehicle battery.
Vehicle fuse blown due to heavy load on the accessory socket	Replace the blown fuse. Consult your vehicle's manual for fuse location, fuse type, and instructions.
USB connector is not inserted properly into the USB port.	Ensure that the USB cable's connectors are properly fitted into the USB ports of either device.

Interference with Electronic Equipment

Generally, most AC products operate with the inverter just as they would with household AC power. Following is information concerning two possible exceptions.

Buzzing sound in audio systems and radios

Some low quality stereo systems and AM-FM radios have inadequate internal power supply filtering and "buzz" slightly when powered by the inverter. Generally, the only solution is an audio product with a higher quality filter.

Television interference

The inverter is shielded to minimize its interference with TV signals. However, with weak TV signals interference may be visible in the form of lines scrolling across the screen. The following should minimize or eliminate the problem:

- Increase the distance between the inverter and the TV, antenna and cables.
- Adjust the orientation of the inverter, television, antenna and cables.
- Maximize TV signal strength by using a better antenna and use shielded antenna cable where possible.

Specifications

NOTE: Specifications are subject to change without notice.

DC Input Specifications	
Input voltage	12 V
Fuse	20A (non-replaceable)

AC and USB Output Specifications	
AC output power (peak)	150 W
AC output power (continuous)	130 W
AC output voltage (nominal)	115 Vac
AC output frequency	60 Hz
AC output wave form	Modified sine wave
USB output voltage	5 Vdc
USB output current	2.1 Adc

Physical Specifications	
Dimensions (L x W x H)	3.9 x 2.7 x 0.9 in. / 10.0 x 6.8 x 2.3 cm
Weight	0.4 lbs. / 0.2 kg

Protections
DC input over/under voltage, DC input fuse, over temperature, AC output overload/ short circuit

Recycling Information

Battery-Biz is committed to environmental responsibility and recommends that electronic devices be disposed of properly. Please contact your local city offices for information on recycling and disposal programs for e-waste.