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GMURA Portable Power Supply Inverter (ASIN: B0BFX6HNYD)

GMURA 150W Portable Power Inverter User Manual

Model: Portable Power Supply Inverter (ASIN: B0BFX6HNYD)
Brand: GMURA

1. Introduction

Thank you for choosing the GMURA 150W Portable Power Inverter. This device is designed to convert 18V DC power from compatible Ryobi Lithium and Nickel batteries into 110V-120V AC power, providing a portable solution for charging and powering various small electronic devices. It also features dual USB ports and a built-in 200-lumen LED light for added utility.





Figure 1: GMURA 150W Portable Power Inverter with a battery (battery not included).

Key Features:

- **Power Output:** 150W, 110V-120V AC, 1.25A.
- **Battery Compatibility:** Designed for Ryobi 18V Lithium and 18V Nickel batteries (P102, P103, P104, P105, P107, P108, P109, P190, etc.). *Battery not included.*
- **Charging Ports:** Two 5V/2.4A USB ports for smart devices.
- **AC Outlet:** One 110V-120V AC outlet for small electronic devices.
- **LED Light:** Integrated 200-lumen LED light with three brightness modes (low, medium, high).
- **Safety Features:** Built-in protection against short circuit, over current, wrong voltage, over voltage, and overheat (auto-shutdown at 180°F).

What's in the Box:

- 1 x GMURA 150W Portable Power Inverter (*Note: Battery is not included*)

2. Safety Information

Please read all safety warnings and instructions carefully before using this product to ensure safe and proper operation. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **General Safety:**
  - Do not expose the inverter to rain or wet conditions.
  - Do not operate the inverter if it has been dropped or damaged.

- Do not disassemble the inverter. Refer all servicing to qualified service personnel.
- Keep children and unauthorized persons away from the inverter during operation.

- **Electrical Safety:**
  - Ensure the total wattage of connected devices does not exceed 150W.
  - Only use with specified Ryobi 18V Lithium and Nickel batteries.
  - Do not short-circuit the output terminals.
  - The inverter is equipped with automatic shutdown features for over-voltage, short circuit, and overheat protection (at 180°F). If the inverter shuts down, disconnect all devices and the battery, allow it to cool, and then re-evaluate the load before reconnecting.
- **Battery Safety:**
  - Always ensure the battery is securely attached to the inverter.
  - Do not attempt to charge the battery through the inverter. The inverter is a power output device only.
  - Monitor battery levels to prevent over-discharge, which can damage the battery.

This product has passed CE, FCC, and ROHS certifications, ensuring compliance with relevant safety and environmental standards.

3. Product Overview

Familiarize yourself with the components of your GMURA 150W Portable Power Inverter.



Figure 2: Dual USB 5V/2.4A Ports for charging mobile devices.



Figure 3: 110V-120V AC Outlet for powering small appliances.



Figure 4: 200 Lumen LED Light for illumination.

- **Battery Interface:** Located at the bottom, designed to securely connect with Ryobi 18V batteries.
- **Power Button:** Activates the inverter and controls the LED light.
- **USB Ports:** Two standard USB-A ports for charging USB-powered devices.
- **AC Outlet:** Standard 3-prong AC outlet for devices requiring 110V-120V AC power.
- **LED Light:** Integrated light source for various illumination needs.

4. Setup

Follow these steps to set up your portable power inverter:

1. **Prepare the Battery:** Ensure your Ryobi 18V Lithium or Nickel battery is fully charged.
2. **Attach the Battery:** Align the inverter with the battery and slide it onto the battery until it clicks securely into place.



Figure 5: Inverter securely attached to a compatible Ryobi 18V battery.

3. **Initial Check:** Once the battery is attached, the inverter is ready for operation.

5. Operating Instructions

This section details how to use the various functions of your GMURA 150W Portable Power Inverter.

5.1 Powering On/Off

- To turn on the inverter and activate the AC/USB outputs, press the power button.
- To turn off the inverter, press and hold the power button until the indicators turn off.

5.2 Using the AC Outlet

- Ensure the inverter is powered on.
- Plug your 110V-120V AC device into the AC outlet.
- Verify that the device's power consumption does not exceed 150W. Overloading the inverter will trigger its safety shutdown.
- The inverter provides a modified sine wave output, suitable for most common electronic devices.

5.3 Using the USB Ports

- Ensure the inverter is powered on.
- Connect your USB-powered device (e.g., smartphone, tablet, camera) to either of the two 5V/2.4A USB ports using a compatible USB cable.
- The USB ports can charge two devices simultaneously.

5.4 Operating the LED Light

- The 200-lumen LED light has three brightness modes: low, medium, and high.
- To cycle through the brightness modes, press the power button repeatedly while the inverter is on. Each press will switch to the next mode.
- The LED light is useful for various scenarios such as garage maintenance, fishing, camping, or as an emergency lamp.



Figure 6: The LED light offers multiple brightness settings for different needs.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your inverter.

- **Cleaning:**
  - Wipe the exterior of the inverter with a soft, dry cloth.
  - Do not use abrasive cleaners or solvents.
  - Ensure the inverter is disconnected from the battery before cleaning.
- **Storage:**
  - When not in use, disconnect the inverter from the battery.
  - Store the inverter in a cool, dry place, away from direct sunlight and extreme temperatures.
  - Keep the inverter and battery out of reach of children.
- **Battery Care:**
  - Always ensure your Ryobi 18V battery is charged according to its manufacturer's instructions.
  - Avoid completely draining the battery, as this can reduce its lifespan.

7. Troubleshooting

If you encounter issues with your GMURA 150W Portable Power Inverter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Inverter does not turn on.	Battery not connected properly or battery is depleted.	Ensure the battery is securely clicked into place. Charge the battery if it is low.
No power output from AC outlet/USB ports.	Inverter is off, device connected is drawing too much power (overload), or inverter has overheated.	Press the power button to turn on. Disconnect the device and check its wattage (must be ≤150W). If overheated, disconnect battery and devices, allow to cool down, then retry.
LED light does not work.	Inverter is off or a malfunction.	Ensure the inverter is powered on. If still not working, contact customer support.
Inverter automatically shuts down.	Overload, short circuit, over-voltage, or overheat (above 180°F).	Disconnect all connected devices and the battery. Allow the unit to cool down. Check the wattage of your devices. Reconnect and try again with appropriate loads.

If the problem persists after attempting these solutions, please contact GMURA customer support for further assistance.

8. Specifications

Attribute	Value
Model Name	Portable Power Supply Inverter
ASIN	B0BFX6HNYD
Brand	GMURA

Attribute	Value
Wattage	150 watts
Output Voltage	110V-120V AC
Output Current	1.25 Amp
USB Output	2 x 5V/2.4A
LED Light Output	200 Lumens
Power Source	Battery Powered
Compatible Batteries	Ryobi 18V Lithium and Nickel (P102, P103, P104, P105, P107, P108, P109, P190, etc.)
Item Weight	12.3 ounces
Package Dimensions	5.55 x 4.88 x 3.7 inches

9. Warranty and Support

GMURA is committed to providing high-quality products. While specific warranty details are not provided in this manual, please retain your proof of purchase for any warranty claims.

For technical support, troubleshooting assistance, or inquiries regarding your GMURA 150W Portable Power Inverter, please visit the official GMURA store on Amazon or contact their customer service directly.

GMURA Store Link: Visit the GMURA Store on Amazon

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