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RYOBI 18V ONE+ 150 Watt Power Source

RYOBI 18V ONE+ 150 Watt Power Source Instruction Manual

Introduction

This manual provides essential instructions for the safe operation, setup, maintenance, and troubleshooting of your RYOBI 18V ONE+ 150 Watt Power Source. Please read this manual thoroughly before using the product and retain it for future reference.
The RYOBI 18V ONE+ 150 Watt Power Source is designed to convert 18V DC battery power into 120V AC household power and 5V DC USB power, enabling you to charge or power small electronic devices such as laptops, tablets, and cell phones. It also features an on-board LED light for convenience.

Safety Information

Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- **Read all instructions:** Familiarize yourself with the product's operation and limitations.
- **Use appropriate battery:** Only use RYOBI 18V ONE+ batteries with this power source.
- **Indoor use only:** This device is not designed for outdoor use or in wet conditions.
- **Avoid overloading:** Do not exceed the 150 Watt output capacity. Overloading can damage the unit and connected devices.
- **Ventilation:** Ensure adequate ventilation around the power source during operation.
- **Children and pets:** Keep the power source and connected devices out of reach of children and pets.
- **Disconnect when not in use:** Remove the battery when the power source is not in use to prevent accidental activation.

Product Overview

The RYOBI 18V ONE+ 150 Watt Power Source is a compact and portable device. Below are its key components:



Figure 1: Front view of the RYOBI 18V ONE+ 150 Watt Power Source, showing the 120V AC outlet, two 2.4A 5VDC USB ports, and the ON/OFF/RESET button on top. The LED light is also visible.

1. **120V AC Outlet:** Standard household outlet for powering small appliances.
2. **USB Ports (2.4A 5VDC):** Two USB ports for charging mobile devices.
3. **ON/OFF/RESET Button:** Controls power to the unit and resets the inverter.
4. **LED Light:** Integrated light for illumination.
5. **Battery Interface:** Connection point for RYOBI 18V ONE+ batteries.



Figure 2: The RYOBI 18V ONE+ 150 Watt Power Source shown with a compatible 18V ONE+ battery attached, ready for use.

Setup

1. **Charge Battery:** Ensure your RYOBI 18V ONE+ battery is fully charged before use. Refer to your battery charger's manual for charging instructions.
2. **Attach Battery:** Align the battery with the power source's battery interface. Slide the battery onto the power source until it clicks securely into place. Ensure it is firmly seated.
3. **Verify Connection:** Gently pull on the battery to confirm it is locked. A loose connection can lead to intermittent power or damage.



Figure 3: The RYOBI 18V ONE+ 150 Watt Power Source shown detached from a battery, illustrating the battery interface.

Operating Instructions

Powering On/Off

- To turn on the power source, press and hold the**ON/OFF/RESET** button for approximately 1-2 seconds. The LED indicator will illuminate.
- To turn off the power source, press and hold the**ON/OFF/RESET** button again for approximately 1-2 seconds. The LED indicator will turn off.

Using the AC Outlet

1. Ensure the power source is turned on.
2. Plug your device's power cord into the 120V AC outlet on the front of the power source.
3. Confirm your device's power consumption does not exceed 150 Watts.

Using the USB Ports

1. Ensure the power source is turned on.
2. Connect your USB charging cable to one of the 2.4A 5VDC USB ports.
3. Connect the other end of the cable to your mobile device.

Using the LED Light

- To turn on the LED light, press the dedicated light button (usually located near the light itself).
- Press the button again to turn off the LED light.

Maintenance

- **Cleaning:** Keep the power source clean and free of debris. Use a soft, dry cloth to wipe down the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the power source in a cool, dry place, away from direct sunlight and extreme temperatures. Remove the battery before storing for extended periods.
- **Inspection:** Periodically inspect the unit for any signs of damage, such as cracked housing or frayed wires. Do not operate a damaged unit.

Troubleshooting

Problem	Possible Cause	Solution
No power output from AC outlet or USB ports.	Unit is off. Battery is not attached or is depleted. Overload protection activated.	Press and hold the ON/OFF/RESET button to turn on. Ensure battery is fully charged and securely attached. Disconnect devices, press ON/OFF/RESET to reset, then reconnect devices one by one, ensuring total wattage is below 150W.
LED light not working.	Unit is off. Light button not pressed.	Turn on the power source. Press the dedicated light button.
Device not charging via USB.	Unit is off. USB cable is faulty or incompatible.	Turn on the power source. Try a different USB cable or device.

Specifications

Brand	RYOBI
Model	18V ONE+ 150 Watt Power Source
Power Source	Battery Powered (RYOBI 18V ONE+ System)
AC Output	120V AC, 1.25A, 150 Watts (Max)
USB Output	2 x 2.4A, 5V DC
Battery Compatibility	RYOBI 18V ONE+ Lithium-ion batteries
Recommended Use	Powering small electronic devices, camping



Figure 4: Dimensional view of the RYOBI 18V ONE+ 150 Watt Power Source, indicating approximate measurements of 3.2 inches height, 3 inches width, and 5.2 inches depth.

Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the official RYOBI website or contact RYOBI customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Website: www.ryobitools.com

Customer Service: Refer to the contact section on the official RYOBI website for phone numbers and support hours.

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