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RYOBI PCG008

RYOBI ONE+ 18V 8A Rapid Charger (PCG008)

USER MANUAL

1. Product Overview

The RYOBI ONE+ 18V 8A Rapid Charger (Model PCG008) is designed to efficiently charge RYOBI 18V ONE+ batteries. This charger features rapid charging capabilities, significantly reducing downtime. It also includes integrated USB-C and USB-A ports for convenient charging of portable electronic devices. The design incorporates rubber feet for stability and offers wall-mount compatibility to optimize workspace organization.

Key Features:

- Rapid charging for RYOBI 18V ONE+ batteries.
- Integrated USB-C and USB-A charging ports.
- LED indicator lights for charge status.
- Energy Save Mode for power conservation.
- Rubber feet for enhanced stability.
- Wall-mount capability for organized storage.



Image 1: Front view of the RYOBI ONE+ 18V 8A Rapid Charger, showing the battery slot, LED indicators, and power cord.

2. Important Safety Instructions

Read and understand all instructions before using this product. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

- **SAVE THESE INSTRUCTIONS.** This manual contains important safety and operating instructions for the RYOBI ONE+ 18V 8A Rapid Charger.

- Before using the charger, read all instructions and cautionary markings on the charger, battery pack, and product using the battery pack.
- Do not expose the charger to rain or wet conditions. Water entering the charger will increase the risk of electric shock.
- Use only RYOBI 18V ONE+ battery packs with this charger. Other battery packs may burst, causing personal injury and damage.
- Do not abuse the cord or charger. Never use the cord to carry the charger or pull it from an outlet.
- Do not operate the charger if it has received a sharp blow, been dropped, or otherwise damaged. Take it to an authorized service center.
- Do not disassemble the charger; take it to an authorized service center when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- Unplug the charger from the outlet before attempting any maintenance or cleaning.
- Do not charge battery packs in damp or wet locations.
- Do not use the charger in temperatures below 50°F (10°C) or above 100°F (38°C).

3. Setup

3.1 Unpacking

Carefully remove the charger and any accessories from the packaging. Inspect the unit for any damage that may have occurred during shipping. Retain the packaging material until you are satisfied that the charger is in good working order.

3.2 Placement and Mounting

The charger can be placed on a flat, stable surface or mounted to a wall. Ensure the location is dry, well-ventilated, and away from direct sunlight or extreme temperatures.

- **Benchtop Use:** Place the charger on a stable surface. The integrated rubber feet provide slip resistance.
- **Wall Mounting:** Use appropriate fasteners (not included) to secure the charger to a wall. Ensure the mounting surface can support the weight of the charger and a battery.



Image 2: Diagram highlighting key features of the RYOBI ONE+ 18V 8A Rapid Charger, including wall mount capability, rubber feet, and USB ports.

4. Operation

4.1 Charging Batteries

1. Plug the charger into a standard 120V AC household electrical outlet.
2. Align the ribs on the battery pack with the grooves in the charger port.
3. Slide the battery pack onto the charger until it clicks into place.

4. The LED indicator lights will illuminate to show the charging status (refer to Section 4.3).
5. Once charging is complete, remove the battery pack by pressing the release latches and sliding it off the charger.

This 8A Rapid Charger is designed to charge a RYOBI 8.0 Ah Lithium HIGH PERFORMANCE Battery in under an hour, offering significantly faster charging than standard chargers.

4.2 USB Charging Ports

The charger includes both USB-C and USB-A ports for charging compatible electronic devices.

- Connect your device's charging cable to the appropriate USB-C or USB-A port on the charger.
- Ensure the charger is plugged into a power outlet.
- The charger will provide power to your device.

4.3 LED Indicator Lights

The charger features LED indicators to communicate the battery's charge status:

- **Solid Green:** Battery is fully charged.
- **Flashing Green:** Battery is charging.
- **Solid Red:** Battery is too hot or too cold to charge. The charger will wait until the battery reaches an acceptable temperature before charging.
- **Flashing Red:** Battery is defective or there is a charger error. Remove the battery and try reinserting it. If the error persists, the battery or charger may require service.

4.4 Energy Save Mode

The Energy Save Mode conserves power when the charger is not actively charging or maintaining batteries. This feature helps reduce energy consumption when the charger is plugged in but idle.

5. Maintenance

5.1 Cleaning

Keep the charger clean to ensure proper function. Unplug the charger before cleaning.

- Use a dry cloth to wipe dust and debris from the charger's exterior.
- Do not use water, solvents, or harsh chemicals, as these can damage the plastic components or cause electrical hazards.
- Keep the ventilation openings clear of obstructions.

5.2 Storage

When not in use, store the charger in a dry, secure location out of reach of children. Avoid storing in areas with extreme temperatures or high humidity.

6. Troubleshooting

If you encounter issues with your charger, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Charger not operating (no LEDs)	No power to the charger.	Check the power outlet and ensure the charger is securely plugged in. Test the outlet with another device.

Problem	Possible Cause	Solution
Battery not charging (Solid Red LED)	Battery temperature is outside the optimal range.	Move the battery and charger to a location with an ambient temperature between 50°F (10°C) and 100°F (38°C). Charging will resume automatically once the temperature stabilizes.
Battery not charging (Flashing Red LED)	Defective battery or charger error.	Remove the battery pack and reinsert it firmly. If the issue persists, try a different RYOBI 18V ONE+ battery. If the problem continues with multiple batteries, the charger may be faulty. Contact customer support.
USB ports not charging devices	Charger not powered or device incompatibility.	Ensure the charger is plugged into a live power outlet. Verify your device's charging cable is functional and compatible with the USB port.

7. Specifications

Feature	Detail
Model Number	PCG008
Input Voltage	120V AC, 60Hz
Output Voltage	18 Volts (DC)
Charge Rate	8 Amps
Product Dimensions	8.22 x 6.4 x 2.59 inches
Item Weight	2.56 pounds

8. Warranty and Support

8.1 Manufacturer's Warranty

This RYOBI ONE+ 8A Rapid Charger (PCG008) is backed by the RYOBI 3-Year Manufacturer's Warranty. Please retain your proof of purchase for warranty claims. For full warranty details and terms, refer to the official RYOBI website or contact customer service.

8.2 Customer Support

For technical assistance, replacement parts, or warranty inquiries, please visit the official RYOBI website or contact their customer service department. Contact information can typically be found on the product packaging or the RYOBI website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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