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> RYOBI ONE+ 18V Dual-Port Simultaneous Charger PCG005 Instruction Manual

RYOBI PCG005

RYOBI ONE+ 18V Dual-Port Simultaneous Charger (PCG005) Instruction Manual

INTRODUCTION

Welcome to your new RYOBI ONE+ 18V Dual-Port Simultaneous Charger. This charger is designed to efficiently charge two RYOBI ONE+ 18V lithium-ion batteries simultaneously, reducing downtime and enhancing productivity. Please read this manual thoroughly before operation to ensure safe and optimal performance.

IMPORTANT SAFETY INFORMATION

General Safety Rules

- Read all instructions before using the charger.
- Do not charge batteries in damp or wet locations.
- Use only RYOBI ONE+ 18V lithium-ion batteries with this charger.
- Do not use the charger if the cord or plug is damaged.
- Keep the charger away from heat sources and direct sunlight.
- Ensure proper ventilation during charging.
- Unplug the charger from the power supply when not in use or before cleaning.

Electrical Safety

- This charger is designed for 120V AC household current only.
- Do not use extension cords unless absolutely necessary. If an extension cord is used, ensure it is properly rated for the charger's power requirements.
- Do not abuse the cord. Never carry the charger by the cord or yank it to disconnect from a receptacle.

PACKAGE CONTENTS

The RYOBI ONE+ 18V Dual-Port Simultaneous Charger (PCG005) package includes:

- 1 x RYOBI 18V ONE+ Dual Port Charger (PCG005)
- 1 x Power Cord

What's Included

- Ryobi 18V ONE+ Dual Port Charger (PCG005)
- Power Cord



Built-in Protection

- Smart Battery Detection
- Overcharge & Thermal Protection
- Short Circuit Protection
- LED Fault Indicators

Image: RYOBI ONE+ 18V Dual-Port Simultaneous Charger with power cord, illustrating what is included in the package.

Key Features

- **Dual-Port Charging:** Charges two RYOBI ONE+ 18V batteries simultaneously.
- **Faster Charging Speed:** Provides up to 2X faster charging compared to standard chargers.
- **Energy Save Mode:** Automatically conserves power when not in use.
- **Clear LED Indicators:** Displays charging status, full charge, and fault conditions.
- **Broad Compatibility:** Works with all RYOBI ONE+ 18V lithium-ion batteries.
- **Built-in Protection:** Includes Smart Battery Detection, Overcharge & Thermal Protection, Short Circuit Protection, and LED Fault Indicators.



Key Features

- Dual-Port Simultaneous Charging
- Works with All 18V ONE+ Batteries
- LED Charge Status Indicators
- Compact & Space-Saving Design
- Includes Power Cord

Image: RYOBI ONE+ 18V Dual-Port Simultaneous Charger highlighting its key features such as dual-port charging and LED indicators.

SETUP INSTRUCTIONS

Unpacking

Carefully remove the charger and all accessories from the packaging. Inspect the unit for any damage that may have occurred during shipping. Do not discard packaging until you are satisfied with the product.

Connecting to Power

1. Plug the power cord into the charger's power input port.
2. Plug the other end of the power cord into a standard 120V AC electrical outlet.
3. The charger's LED indicators may briefly illuminate to confirm power connection.

OPERATING INSTRUCTIONS

Charging a Battery

1. Ensure the charger is plugged into a power source.
2. Align the ribs on the battery with the grooves in the charger port.
3. Slide the battery onto the charger until it clicks into place. You can insert one or two batteries at a time.

4. The charger's LED indicators will show the charging status.

One-Handed Battery Insertion

Fast & Convenient for 18V ONE+ Batteries



Image: A hand inserting a RYOBI ONE+ 18V battery into the charger, demonstrating one-handed battery insertion.

Understanding LED Indicators

The charger features LED indicators for each charging port to communicate battery 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 fault with the charger. Remove the battery and try a different one. If the issue persists, contact customer support.

Charge Two Batteries at the Same Time



Simultaneous Dual-Port Charging for 18V ONE+ Batteries

Image: RYOBI ONE+ 18V Dual-Port Simultaneous Charger with two batteries inserted, showing the green LED indicators for charging status.

Removing a Battery

To remove a battery, press the release latches on the battery and slide it off the charger.

MAINTENANCE

Cleaning

Unplug the charger before cleaning. Use a clean, damp cloth to wipe the exterior of the charger. Do not use strong detergents or solvents. Keep the charging ports free of debris.

Storage

Store the charger in a cool, dry place, away from direct sunlight and moisture. Ensure batteries are removed from the charger before storage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not working / No LED indication	No power to the charger.	Ensure the power cord is securely plugged into both the charger and a working electrical outlet. Check the circuit breaker.
Battery not charging (Solid Red LED)	Battery is too hot or too cold.	Allow the battery to reach room temperature before attempting to charge again.
Battery not charging (Flashing Red LED)	Defective battery or charger fault.	Remove the battery and try charging a different, known-good battery. If the issue persists with multiple batteries, the charger may be faulty. Contact customer support.

Problem	Possible Cause	Solution
Slow charging	Environmental factors or battery condition.	Ensure the charger is in a well-ventilated area. Older or heavily used batteries may charge slower.

SPECIFICATIONS

- **Brand:** RYOBI
- **Model:** PCG005
- **Input Voltage:** 120 volts AC
- **Output Voltage:** 26.25 volts DC
- **Current Rating:** 4 A
- **Number of Ports:** 2
- **Compatible Devices:** RYOBI ONE+ 18V lithium-ion batteries
- **Safety Certification:** UL, CSA, or ETL compliant

WARRANTY AND SUPPORT

RYOBI products are manufactured to high-quality standards. For information regarding product warranty, please refer to the warranty card included with your purchase or visit the official RYOBI website. For technical assistance or customer support, please contact RYOBI customer service.