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## RYOBI OP404

# RYOBI OP404 Lithium-ion 40 Volt Battery Charger Instruction Manual

Model: OP404

## INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your RYOBI OP404 Lithium-ion 40 Volt Battery Charger. This compact charger is designed to charge all RYOBI 40-Volt lithium-ion batteries. It features innovative charging technology to protect and extend battery life, and can be wall-mounted for convenient storage and accessibility.

## IMPORTANT SAFETY INFORMATION

**WARNING:** Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- Always ensure the charger is connected to a power source with the correct voltage.
- Do not expose the charger to rain or wet conditions. Water entering a battery charger will increase the risk of electric shock.
- Use only with RYOBI 40-Volt lithium-ion batteries. Attempting to charge other types of batteries may cause personal injury and damage.
- Do not operate the charger if it has received a sharp blow, been dropped, or otherwise damaged.
- Do not disassemble the charger. Take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- Unplug the charger from the power source before attempting any maintenance or cleaning.
- Do not use the charger in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Keep the charger away from children.

## SETUP

Before first use, ensure the charger is placed on a stable, flat surface or securely mounted to a wall. Connect the charger's power adapter to a standard electrical outlet.



Figure 1: The RYOBI OP404 charger connected to its power adapter, ready for use.

The charger is designed for portability and can be easily transported with your tools. It also features a USB port for additional charging flexibility.



Figure 2: Side view of the RYOBI OP404 charger, highlighting the power input port.

## OPERATING INSTRUCTIONS

### Charging a Battery

1. Ensure the charger is plugged into a working power outlet. The "Power On" LED indicator (red) will illuminate.
2. Align the RYOBI 40-Volt lithium-ion battery with the charger's battery interface.
3. Slide the battery onto the charger until it clicks securely into place.
4. The charger will automatically begin the charging process.



Figure 3: The RYOBI OP404 charger with a 40V battery securely attached and in the process of charging.

### LED Indicator Guide

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





Figure 4: Close-up view of the RYOBI OP404 charger's LED indicators, detailing various status lights.

#### Charger LED Status

Indicator	Status	Description
Red Light (Solid)	Power On	The charger is connected to power and ready.
Orange Light (Flashing)	Testing	The charger is evaluating the battery condition.

Indicator	Status	Description
Red Light (Flashing)	Defective	The battery is defective and cannot be charged.
Green Light (Flashing)	Charging	The battery is currently charging.
Green Light (Solid)	Ready	The battery is fully charged and ready for use.

## MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your charger.

- Cleaning:** Disconnect the charger from the power source before cleaning. Use a clean, dry cloth to wipe off any dust or debris from the charger's exterior. Do not use solvents or harsh chemicals.
- Storage:** Store the charger in a cool, dry place, away from direct sunlight and moisture.
- Inspection:** Periodically inspect the power cord and charger for any signs of damage. If any damage is found, discontinue use and contact customer support.

## TROUBLESHOOTING

If you encounter issues with your RYOBI OP404 charger, refer to the following common troubleshooting steps:

- Charger not powering on:**
  - Ensure the power cord is securely plugged into both the charger and a functional electrical outlet.
  - Check the outlet with another device to confirm it has power.
- Battery not charging (Defective LED flashing):**
  - Remove the battery from the charger and re-insert it to ensure proper connection.
  - If the "Defective" LED continues to flash, the battery may be damaged or at the end of its life.
- Slow charging:**
  - Ensure the charger is operating within its recommended temperature range. Extreme temperatures can affect charging speed.
  - Verify that the battery is a genuine RYOBI 40-Volt lithium-ion battery.

For further assistance, please refer to the official RYOBI product support resources.

## SPECIFICATIONS

Feature	Detail
Brand	RYOBI
Model Number	OP401A
Product Dimensions	3 x 5 x 1 inches (7.62 x 12.7 x 2.54 cm)
Item Weight	12.6 ounces (0.36 Kilograms)
Output Voltage	40 Volts

Feature	Detail
Input Voltage	40 Volts
Date First Available	June 13, 2019

## WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official RYOBI website or the documentation included with your product at the time of purchase. Keep your proof of purchase for warranty claims.

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