**RYOBI OP40404-06VNM**

# RYOBI 40-Volt 4 Ah Battery and Rapid Charger Combo Kit User Manual

Models: OP40404 & OP406VNM

## 1. Introduction

This manual provides essential instructions for the safe and effective use of your RYOBI 40-Volt 4 Ah High Capacity Lithium Battery (OP40404) and 40-Volt Lithium Rapid Charger (OP406VNM) Combo Kit. Please read all instructions carefully before operating the product to ensure proper function and to prevent injury or damage.

## 2. Important Safety Information

**WARNING: Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.**

- **Battery Safety:** Do not immerse battery in water or other fluids. Do not store the battery where temperatures may reach or exceed 125°F (50°C). Do not incinerate the battery. Do not attempt to open the battery pack.
- **Charger Safety:** Use the charger only with the specified battery pack. Do not charge battery packs in damp or wet locations. Do not use the charger if the cord or plug is damaged.
- **General Safety:** Keep children and untrained persons away from the battery and charger. Always unplug the charger from the power supply when not in use or before cleaning.

## 3. Product Overview

The RYOBI 40-Volt 4 Ah High Capacity Lithium Battery provides extended runtime for your RYOBI 40-Volt tools. It features an on-board fuel gauge to display remaining runtime. The RYOBI 40-Volt Lithium Rapid Charger is designed to charge RYOBI 40-Volt batteries up to 3 times faster than standard chargers, completing a full charge for the included 4 Ah battery in approximately 40 minutes. It includes indicator lights for charging status.




Figure 1: RYOBI 40-Volt 4 Ah Battery and Rapid Charger Combo Kit.




Figure 2: Close-up view of the RYOBI 40-Volt 4 Ah High Capacity Lithium Battery.




Figure 3: Close-up view of the RYOBI 40-Volt Lithium Rapid Charger.

## 4. Setup

Before first use, ensure both the battery and charger are free from damage. Do not use if any components appear damaged.

### 4.1 Charger Placement

1. Place the charger on a flat, stable surface in a well-ventilated area.
2. Ensure the area is dry and protected from direct sunlight or extreme temperatures.

### 4.2 Connecting the Charger

1. Plug the charger's power cord into a standard 240-Volt AC electrical outlet.
2. The charger's indicator lights may briefly illuminate to confirm power connection.

## 5. Operating Instructions

### 5.1 Charging the Battery

1. Align the ribs on the battery pack with the grooves in the charger port.
2. Slide the battery pack into the charger until it clicks securely into place.
3. The charger's indicator lights will show the charging status.

### 5.2 Understanding Charger Indicator Lights

The charger features indicator lights to communicate the battery's 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 beginning to charge.
- **Flashing Red:** Battery is defective. Remove the battery from the charger and contact customer support.

### 5.3 On-Board Fuel Gauge

The 40-Volt battery includes an on-board fuel gauge. Press the button on the battery to illuminate the LED lights, indicating the approximate remaining charge level.

## 6. Maintenance

### 6.1 Cleaning

- Always unplug the charger before cleaning.
- Use a clean, dry cloth to wipe dust and debris from the charger and battery terminals.
- Do not use water, solvents, or harsh chemicals.

### 6.2 Storage

- Store the battery and charger in a cool, dry place, away from direct sunlight and moisture.
- For long-term storage, it is recommended to store the battery with a partial charge (e.g., 50%).
- Do not store the battery in a discharged state for extended periods, as this can damage the battery.

## 7. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Battery not charging | Charger not plugged in; Battery not properly seated; Battery too hot/cold; Defective battery/charger. | Ensure charger is plugged into a live outlet. Re-seat battery firmly. Allow battery to reach room temperature. If flashing red light persists, battery may be defective. |
| Charger indicator lights not working | No power to charger; Charger malfunction. | Check power outlet. Try a different outlet. If problem persists, charger may be defective. |
| Battery not holding charge | Battery age; Improper storage; Defective battery. | Ensure proper storage conditions. If battery is old or frequently used, its capacity may naturally decrease. If new, battery may be defective. |

## 8. Specifications

- **Model Numbers:** OP40404 (Battery), OP406VNM (Charger)
- **Battery Type:** 40-Volt Lithium-Ion, 4 Ah High Capacity
- **Charger Input Voltage:** 240 Volts AC
- **Charger Output Voltage:** 40 Volts DC
- **Approximate Charge Time (4 Ah Battery):** 40 minutes
- **Item Weight:** 5.4 pounds (Combo Kit)
- **Package Dimensions:** 15 x 6.42 x 4.8 inches
- **Manufacturer:** RYOBI

## 9. Warranty Information

RYOBI products typically come with a manufacturer's warranty. Please refer to the warranty card included with your product packaging or visit the official RYOBI website for detailed warranty terms and conditions. Keep your proof of purchase for warranty claims.

## 10. Customer Support

For technical assistance, replacement parts, or further information, please contact RYOBI customer service. Contact details can usually be found on the RYOBI official website or within your product packaging.

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