RYOBI OP4026A

Ryobi OP4026A 40-Volt Dual Discharge Battery User Manual

Model: OP4026A

1. Introduction

This manual provides instructions for the safe operation, maintenance, and storage of your Ryobi OP4026A 40-Volt Dual Discharge Lithium-Ion Battery. Please read and understand all instructions before using the battery. Retain this manual for future reference.

2. Important Safety Information

WARNING: To reduce the risk of injury, the user must read and understand the operator's manual. Risk of fire and injury from burns. Do not open, break, heat above 40°C (104°F), incinerate, or short circuit the terminals. Follow the manufacturer's instructions. Use only with the charger specified in the operator's manual or OP360. Remove the battery from the tool when storing, changing accessories, or making adjustments.
Always follow these safety precautions:

- Do not immerse the battery in water or other liquids.
- Do not store the battery where temperatures may exceed 125°F (50°C).
- Do not charge the battery in damp or wet locations.
- Keep the battery away from children.
- If battery fluid gets on skin or clothing, wash immediately with soap and water. If it gets in eyes, flush with water for at least 15 minutes and seek medical attention.
- Dispose of batteries properly according to local regulations.

3. Setup and Charging

Before first use, the battery must be fully charged. Use only Ryobi 40-Volt chargers compatible with the OP4026A battery.

1. Insert the battery into the charger, ensuring it is seated firmly.
2. Plug the charger into a standard electrical outlet.
3. The charger's indicator lights will show the charging status. Refer to your charger's manual for specific light patterns.
4. Once fully charged, remove the battery from the charger.



Image 1: Ryobi OP4026A 40-Volt Lithium-Ion Battery. Note the fuel gauge with LED indicators on the left side, showing the remaining charge. The warning label on the top surface provides critical safety instructions.

4. Operating Instructions

4.1 Installing the Battery

1. Ensure the power tool is turned off.
2. Align the battery with the battery port on the tool.
3. Slide the battery into the tool until it clicks securely into place.
4. To remove, press the battery release latches and slide the battery out.

4.2 Fuel Gauge

The battery features an onboard fuel gauge with LED indicators to display the remaining charge. Press the button next to the LEDs to activate the gauge:

- **Four Green LEDs:** Full charge.
- **Three Green LEDs:** Approximately 75% charge remaining.
- **Two Green LEDs:** Approximately 50% charge remaining.
- **One Green LED:** Approximately 25% charge remaining.
- **One Flashing Green LED:** Battery is nearly depleted and requires charging.

5. Maintenance and Storage

5.1 General Maintenance

- Keep the battery clean and free of debris. Use a dry cloth to wipe off any dirt.
- Inspect the battery terminals periodically for damage or corrosion.
- Do not attempt to disassemble the battery pack.

5.2 Storage

- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50% capacity.
- Avoid storing the battery in a discharged state for extended periods, as this can lead to irreversible damage.
- Remove the battery from the tool when not in use or when storing the tool.

6. Troubleshooting

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in; faulty charger; battery too hot/cold; damaged battery.	Ensure charger is plugged in. Try a different outlet. Allow battery to reach room temperature. Inspect battery and charger for damage. If damaged, replace.
Tool not operating with battery	Battery not fully charged; battery not properly installed; faulty tool; damaged battery.	Charge battery fully. Ensure battery is securely latched in the tool. Test with another battery if available. If issue persists, consult tool's manual or contact service.
Reduced run time	Battery nearing end of life; extreme operating conditions; improper storage.	Ensure proper charging and storage. If battery is old, consider replacement. Avoid using in extremely cold conditions if possible.

7. Specifications

- **Model:** OP4026A
- **Voltage:** 40-Volt
- **Battery Type:** Lithium-Ion
- **Item Weight:** 3.3 pounds
- **Product Dimensions:** 8 x 7 x 3 inches
- **Manufacturer:** Ryobi

8. Warranty and Support

For warranty information and customer support, please refer to the official Ryobi website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.
Ryobi Official Website: www.ryobitools.com

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