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### Greenworks 29472

# Greenworks 40V 4.0Ah Lithium-Ion Battery User Manual

Model: 29472

## 1. PRODUCT OVERVIEW

The Greenworks 40V 4.0Ah Lithium-Ion Battery is designed to provide high performance and efficiency for all Greenworks GMAX tools. This battery offers extended runtime and consistent, fade-free power throughout its entire run cycle, with no negative memory effect. It is compatible with over 75 Greenworks 40V products.



Image: Greenworks 40V 4.0Ah Lithium-Ion Battery. This image displays the battery unit with its distinct green and black casing,

## 2. SAFETY INFORMATION

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**WARNING: Read all safety warnings and instructions before using this battery.**

- Always use the correct charger for your Greenworks 40V battery. Using an incompatible charger can cause fire, injury, or damage.
- Do not store the battery in locations where the temperature may reach or exceed 104°F (40°C), such as in sheds or metal buildings in summer.
- Do not incinerate the battery, even if it is severely damaged or completely dead. The battery can explode in a fire.
- Do not short-circuit the battery terminals. Avoid contact with conductive materials.
- Do not disassemble, open, or shred battery cells or packs.
- Protect the battery from moisture and water.
- If battery fluid leaks, avoid contact. If contact occurs, flush with water. If fluid contacts eyes, seek medical help immediately.

# MULTI-PROTECTION TECHNOLOGY



Overheat protection



Short circuit protection



Over voltage protection



Over current protection



Over discharge protection



Over charge protection



Image: Multi-Protection Technology. This graphic illustrates the various safety features built into the battery, including overheat, short circuit, over voltage, over current, over discharge, and over charge protection.

## 3. SETUP AND CHARGING

Before first use, fully charge the battery. Ensure the battery and charger are clean and dry.

### 3.1 Charging the Battery

1. Connect the charger to a power outlet.
2. Slide the battery onto the charger until it clicks into place.
3. The charger's LED indicator will show the charging status. A 4.0Ah battery typically charges in 1 hour with a rapid charger and 2 hours with a standard charger.
4. Once fully charged, remove the battery from the charger.

# NO CAPACITY LOSS

The battery can be fully or partially recharged at any time



Image: Greenworks 40V Battery on Charger. This image shows the 40V battery securely seated on its compatible Greenworks charger, illustrating the charging process.

## 3.2 Checking Battery Charge Level

The battery features an integrated 4 LED fuel gauge that provides immediate feedback on its state of charge. Press the button on the battery to illuminate the LEDs and check the remaining power.

# VISIBLE BATTERY POWER

By LED indicator



Image: Visible Battery Power by LED indicator. This image highlights the LED indicator lights on the battery, which show the current charge level.

## 4. OPERATING THE BATTERY

The Greenworks 40V 4.0Ah battery is designed for seamless integration with a wide range of Greenworks 40V tools. Always ensure the battery is fully charged before beginning tasks for optimal performance.

### 4.1 Inserting the Battery into a Tool

1. Align the battery with the battery port on your Greenworks 40V tool.
2. Slide the battery firmly into the port until it clicks securely into place. Ensure it is fully seated to prevent accidental dislodgement during operation.



Image: No Cable No Limits. This image shows a person inserting the 40V battery into a Greenworks string trimmer, demonstrating the ease of battery installation.

## 4.2 Removing the Battery from a Tool

1. Locate the battery release latch or button on the tool.
2. Press and hold the latch/button while sliding the battery out of the tool's port.

## 4.3 Performance and Compatibility

This 4.0Ah battery provides 50% more capacity than the standard 2.0Ah battery pack, offering longer runtimes for demanding tasks. It is compatible with all Greenworks 40V products, including mowers, trimmers, blowers, and more.

# HIGHER PERFORMANCE LONGER RUNTIME



Image: Higher Performance Longer Runtime. This image shows the Greenworks 40V battery installed in a hedge trimmer, illustrating its use in a power tool.



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**40V 75+ PRODUCTS**

Image: Greenworks 40V 75+ Products. This image displays a wide array of Greenworks 40V tools, emphasizing the battery's broad compatibility across the product line.

Video: Greenworks 40V Tool Family. This video showcases the extensive range of Greenworks 40V tools that are compatible with this battery, demonstrating its versatility.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Greenworks 40V battery.

- **Cleaning:** Keep the battery terminals clean and free of debris. Use a clean, dry cloth to wipe down the battery.
- **Storage:** Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to store the battery at approximately 50% charge.
- **Charging Habits:** Lithium-ion batteries can be charged at any time without negative memory effect. Avoid completely draining the battery before recharging to maximize its lifespan.

## 6. TROUBLESHOOTING

If you encounter issues with your Greenworks 40V battery, consider the following common solutions:

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in; faulty outlet; battery too hot/cold; faulty charger/battery.	Check power connection; try different outlet; allow battery to reach room temperature; test with another charger/battery if available.
Tool not operating with battery	Battery not fully inserted; battery discharged; tool fault.	Ensure battery is clicked into place; charge battery fully; test battery in another compatible tool.
Reduced runtime	Battery aging; extreme operating conditions.	Battery capacity naturally decreases over time. Avoid operating in extreme temperatures.

If problems persist, contact Greenworks customer support.

## 7. SPECIFICATIONS

**Model Number:** 29472

**Battery Type:** Lithium-Ion

**Voltage:** 40V

**Capacity:** 4.0Ah

**Product Dimensions:** 6.25 x 3.25 x 3.4 inches

**Item Weight:** 2.88 pounds

**Charge Time (Rapid Charger):** 1 hour

**Charge Time (Standard Charger):** 2 hours

**Manufacturer:** Greenworks

**Country of Origin:** China

## 8. WARRANTY AND SUPPORT

Greenworks provides a 3-year warranty for this battery, protecting your investment. For warranty claims, technical support, or further assistance, please refer to the official Greenworks website or contact their customer service directly.

An official User Manual (PDF) is available for download: [Download User Manual \(PDF\)](#)