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> Greenworks 40V 2.0Ah Lithium-Ion Battery User Manual

Greenworks 2Ah

Greenworks 40V 2.0Ah Lithium-Ion Battery User Manual

Model: 2Ah

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Greenworks 40V 2.0Ah Lithium-Ion Battery. Please read this manual thoroughly before first use and keep it for future reference.

The innovative GMAX 40V Lithium-Ion Battery delivers high performance and efficiency among all GreenWorks GMAX tools. It features a simple snap on and off design for ease of use and an innovative battery charge level indicator. Lithium-ion batteries offer no negative memory effect, consistent fade free power throughout its entire run cycle and 3 times longer run time than Nicad batteries.

2. SAFETY INFORMATION

Always observe basic safety precautions when using electrical products to reduce the risk of fire, electric shock, and personal injury.

- **Read all instructions:** Before using the battery, charger, and product using the battery.
- **Charge only with specified charger:** Use only the Greenworks 40V charger Model 29462. Using other chargers may create a risk of fire.
- **Avoid hazardous environments:** Do not charge battery in rain, damp locations, or in the presence of flammable liquids or gases.
- **Store properly:** Store batteries indoors in a cool, dry place.
- **Do not incinerate:** Batteries may explode when in a fire.
- **Do not short-circuit:** Avoid contact with conductive materials.
- **Do not open or disassemble:** There are no user-serviceable parts inside.
- **Dispose of properly:** Follow local regulations for battery disposal.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. PRODUCT OVERVIEW

The Greenworks 40V 2.0Ah Lithium-Ion Battery is designed for high performance and compatibility with a wide range of Greenworks 40V tools.



Figure 3.1: Front view of the Greenworks 40V 2.0Ah Lithium-Ion Battery, showcasing its vibrant green and black design with the Greenworks logo and 40V Lithium 2.0Ah branding.

Key Features:

- High Performance G-MAX 40V Lithium-Ion Battery delivers fade-free power with no memory loss after charging.
- One battery system for 10 tools offers a complete yard work solution.
- Quick Charge time of 60 minutes.
- Easy to use design snaps in and out of tools.
- Compatible Only with G-MAX 40V Tools and Charger Model 29462.

MULTI-PROTECTION TECHNOLOGY



Overheat protection



Short circuit protection



Over voltage protection



Over current protection



Over discharge protection



Over charge protection



Figure 3.2: Illustration highlighting the multi-protection technology integrated into the Greenworks 40V battery, including overheat, short circuit, over voltage, over current, over discharge, and over charge protection.

VISIBLE BATTERY POWER

By LED indicator

LED indicator



Figure 3.3: Close-up view of the Greenworks 40V battery's LED indicator, showing the visible battery power level through illuminated green lights.

Product Compatibility:

This 40V 2.0Ah battery is part of the Greenworks 40V system, designed to power over 75 compatible tools. This allows for a versatile and efficient approach to various outdoor tasks.



Figure 3.4: An overview of the Greenworks 40V ecosystem, displaying a wide range of compatible tools such as lawnmowers, trimmers, blowers, and more, all powered by the 40V battery system.

4. SETUP

Charging the Battery:

Before first use, the battery must be fully charged. Use only the Greenworks 40V charger Model 29462.

1. Connect the charger to a standard power outlet.
2. Slide the battery into the charger until it clicks into place.
3. The charger's indicator light will show the charging status. A full charge for a 2.0Ah battery typically takes 60 minutes.
4. Once fully charged, remove the battery from the charger.

Note: If the battery is not charged for a long time, charge the battery for 2 hours every 2 months to maintain its health.

NO CAPACITY LOSS

The battery can be fully or partially recharged at any time



Figure 4.1: The Greenworks 40V battery placed on its compatible charger, illustrating the charging process. The image emphasizes that the battery can be fully or partially recharged at any time without capacity loss.

5. OPERATING INSTRUCTIONS

Inserting the Battery into a Tool:

1. Ensure the tool is turned off and any moving parts have come to a complete stop.
2. Align the battery with the battery port on the tool.
3. Slide the battery into the tool until it clicks securely into place.

Removing the Battery from a Tool:

1. Ensure the tool is turned off.
2. Press the battery release button (if applicable) and slide the battery out of the tool.

NO CAPACITY LOSS



Figure 5.1: A user demonstrating the insertion of the Greenworks 40V battery into a hedge trimmer, illustrating the ease of use and secure fit for higher performance and longer runtime.

**NO GAS. NO OIL.
NO EMISSIONS.**

**SUSTAINABLE
SOLUTIONS
FOR A GREENER
TOMORROW**



Figure 5.2: A user demonstrating the insertion of the Greenworks 40V battery into a leaf blower, highlighting the seamless integration and the battery's design for no capacity loss during use.

Battery Charge Level Indicator:

The battery features an LED indicator to show the remaining charge. Press the button on the battery to activate the lights. More illuminated lights indicate a higher charge level.

Your browser does not support the video tag.

Video 5.1: A short demonstration showing the Greenworks 40V battery being inserted into a tool and the battery charge indicator lights being activated. This video is a preview and shows the basic functionality.

6. MAINTENANCE

Battery Care:

- Keep the battery clean and dry. Wipe with a clean, dry cloth.
- Avoid exposing the battery to extreme temperatures, direct sunlight, or moisture.

- Do not store the battery in a discharged state for extended periods. Charge it periodically (every 2 months for 2 hours) if not in use.
- Store the battery and charger in a cool, dry place away from direct sunlight and excessive heat.

Long-Term Storage:

For optimal battery life, store the battery with a partial charge (around 50%) in a cool, dry environment. Avoid storing fully charged or fully discharged batteries for long periods.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging.	Charger not plugged in; faulty charger; battery too hot/cold; faulty battery.	Ensure charger is properly connected. Allow battery to reach room temperature. Test with another charger/battery if available. Contact Greenworks support if issue persists.
Battery not holding charge.	Battery nearing end of life; improper storage.	Ensure proper charging and storage practices. If battery is old, consider replacement.
Tool not operating with battery.	Battery not fully inserted; battery discharged; tool malfunction.	Ensure battery is clicked into place. Check battery charge level. Test battery in another compatible tool.

8. SPECIFICATIONS

- **Brand:** Greenworks
- **Model:** 2Ah
- **Battery Type:** Lithium Ion
- **Voltage:** 40V
- **Capacity:** 2.0 Amp Hours
- **Compatible Charger:** Greenworks Charger Model 29462
- **Number of Batteries:** 1 Lithium Ion battery required (included)

9. WARRANTY AND SUPPORT

For warranty information, please refer to the official Greenworks website or the warranty card included with your purchase. Greenworks typically offers a limited warranty on their batteries.

For further assistance, technical support, or to purchase replacement parts, please visit the official Greenworks Store or contact their customer service:

- **Greenworks Store:** [Visit Greenworks Store on Amazon](#)
- **Official User Manual (PDF):** [Download PDF Manual](#)

