RYOBI RY36BK60B-160

RYOBI RY36BK60B-160 36V Lithium Battery and Fast Charger Kit User Manual

Model: RY36BK60B-160

1. Introduction

Thank you for choosing the RYOBI RY36BK60B-160 36V Lithium Battery and Fast Charger Kit. This kit provides a powerful and efficient energy solution for your RYOBI 36V tools. The 36V Max Power battery delivers impressive performance for various gardening and DIY tasks, while the 6.0Ah capacity ensures extended runtime. The included fast charger minimizes downtime, allowing you to quickly return to your projects. This manual provides essential information for the safe and effective use, maintenance, and storage of your battery and charger.

2. Important Safety Instructions

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury. Read all instructions before using the battery and charger.

- **Battery Safety:** Do not disassemble, crush, heat above 100°C (212°F), or incinerate the battery. Do not short-circuit the battery terminals. Keep the battery away from water and moisture. Store in a cool, dry place.
- **Charger Safety:** Use the charger only with the specified RYOBI 36V lithium-ion batteries. Do not charge other types of batteries. Do not expose the charger to rain or wet conditions. Ensure the charger is unplugged when not in use or before cleaning.
- **General Safety:** Keep children and untrained persons away from the battery and charger. Do not operate the charger if the cord or plug is damaged. Do not use the battery or charger if they have been dropped or received a sharp blow.

3. Package Contents

Verify that all items are present upon unpacking:

- RYOBI 36V 6.0Ah Lithium-Ion Battery (Model: RY36BK60B-160)
- RYOBI Fast Charger
- User Manual (this document)

4. Setup and Initial Charging

Before first use, the battery must be fully charged.

4.1 Charging the Battery

1. Plug the fast charger into a standard electrical outlet. The charger's indicator light may illuminate to show it is ready.
2. Align the battery with the charger's port and slide it firmly into place until it clicks.
3. The charger's indicator lights will show the charging status. Refer to the "Operating" section for details on indicator meanings.
4. A full charge typically takes approximately 70 minutes for the 6.0Ah battery.
5. Once charging is complete, remove the battery from the charger and unplug the charger from the outlet.

4.2 Inserting the Battery into a Tool

Ensure the tool is switched off before inserting or removing the battery.

1. Align the battery with the battery port on your RYOBI 36V tool.
2. Slide the battery into the tool until it locks securely into place.
3. To remove, press the battery release button (if present on your tool) and slide the battery out.

Figure 1: RYOBI 36V 6.0Ah lithium-ion battery and fast charger. The battery is grey and black with yellow accents, featuring 'MAX POWER' branding and '6.0Ah'. The charger is primarily yellow and black, designed to accept the battery for charging.

5. Operation

5.1 Battery Fuel Gauge

The battery features an on-board fuel gauge to indicate the remaining charge. Press the button on the battery to activate the indicator lights:

- **4 Lights:** 75-100% charge
- **3 Lights:** 50-75% charge
- **2 Lights:** 25-50% charge
- **1 Light:** Below 25% charge, recharge soon
- **Flashing Light:** Battery is very low or has a fault.

5.2 Charger Indicator Lights

The fast charger uses indicator lights to communicate charging status:

- **Solid Green:** Fully charged.
- **Flashing Green:** Charging.
- **Solid Red:** Battery or charger fault. Remove battery and try again. If issue persists, contact support.
- **Flashing Red:** Battery too hot or too cold. Allow battery to reach ambient temperature before charging.

6. Maintenance and Storage

6.1 Cleaning

Keep the battery and charger clean and free of debris. Use a dry cloth to wipe surfaces. Do not use water or chemical cleaners. Keep the battery terminals clean to ensure good connection.

6.2 Storage

Store the battery and charger in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to store the battery with a partial charge (around 50%) to prolong its lifespan. Do not store the battery in a fully discharged state.

7. Troubleshooting

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in; Battery not seated correctly; Battery or charger fault; Extreme temperature.	Ensure charger is plugged in. Re-seat battery firmly. Check charger indicator lights for fault codes. Allow battery to reach room temperature.
Tool not operating with charged battery	Battery not fully inserted; Tool fault; Battery fault.	Ensure battery is fully inserted and locked. Test battery with another compatible tool if available. Check battery fuel gauge.
Charger indicator flashing red	Battery temperature too high or too low.	Remove battery from charger and allow it to cool down or warm up to room temperature (10°C - 40°C / 50°F - 104°F) before attempting to charge again.

8. Specifications

Brand: RYOBI

Model: RY36BK60B-160

Battery Type: Lithium-Ion

Voltage: 36V

Capacity: 6.0Ah

Approximate Charge Time: 70 minutes (for 6.0Ah battery)

Item Weight: 2.8 Kilograms

Manufacturer: Ryobi

9. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official RYOBI website. Keep your purchase receipt as proof of purchase for warranty claims.
Official RYOBI Website: www.ryobi.com

© 2023 RYOBI. All rights reserved. Information in this manual is subject to change without notice.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question