

YMDJL BL-5C

BL-5C 3.7V 1000mAh Rechargeable Battery User Manual

Brand: YMDJL | Model: BL-5C

INTRODUCTION

This user manual provides essential information for the safe and effective use of your YMDJL BL-5C 3.7V 1000mAh Rechargeable Lithium-Ion Batteries. These batteries are designed for various compatible electronic devices, including portable radios, cameras, and certain Nokia models. Please read this manual thoroughly before use to ensure optimal performance and longevity of your batteries.

SAFETY INFORMATION

Lithium-ion batteries require careful handling. Adhere to the following safety guidelines:

- **Charging:** Only use a specified charger (e.g., Nokia charger for compatible devices) with a charging voltage of 4.2V. Using an incompatible charger may damage the battery or device.
- **Protection Features:** These batteries are equipped with overcharge, over-discharge, over-current, and short-circuit protection to prevent harm. However, always exercise caution.
- **Disposal:** Batteries must be disposed of properly. Do not dispose of in fire. Do not puncture, open, or disassemble the battery.
- **Temperature:** Avoid exposing batteries to extreme temperatures (hot or cold).
- **Physical Damage:** Do not use batteries that appear damaged, swollen, or leaking. Damaged batteries may explode or catch fire.
- **Short-Circuit:** Do not short-circuit the battery terminals. This can cause severe damage to the battery and pose a fire hazard.
- **Children:** Keep batteries out of reach of children.

PRODUCT OVERVIEW

The YMDJL BL-5C battery is a high-quality rechargeable power source designed for reliability and durability. It features a real capacity of 1000mAh and operates at 3.7V.



Figure 1: Front and back view of two BL-5C rechargeable batteries, highlighting the label with voltage, capacity, and safety warnings.

Key Features:

- **Model:** BL-5C
- **Voltage:** 3.7V
- **Capacity:** 1000mAh (Real Capacity)
- **Compatibility:** Widely compatible with devices using BL-5C batteries, including portable radios, cameras, and Nokia phones.
- **Protection:** Built-in overcharge, over-discharge, over-current, and short-circuit protection.
- **Environmental Compliance:** Free from harmful substances like mercury, lead, and cadmium.
- **Durability:** Constructed with high-quality cells for longer power and extended lifespan.

SETUP

Before using your new BL-5C battery, ensure it is properly installed in your compatible device.

1. **Identify Battery Compartment:** Locate the battery compartment on your device (e.g., portable radio, camera, phone). This is typically on the back or bottom of the device.
2. **Open Compartment:** Carefully open the battery compartment cover. Refer to your device's specific manual if you encounter difficulty.
3. **Insert Battery:** Align the BL-5C battery with the contacts inside the compartment. Ensure the positive (+) and negative (-) terminals on the battery match the corresponding markings in the compartment. The battery should fit snugly.



Figure 2: Proper insertion of the BL-5C battery into a compatible portable speaker. Ensure correct alignment of terminals.

4. **Close Compartment:** Securely close the battery compartment cover.
5. **Initial Charge:** For optimal performance, it is recommended to fully charge the battery before its first use.

OPERATING

Charging the Battery:

To charge your BL-5C battery, use a compatible charger. The charging voltage should be 4.2V.

- Connect your device (with the BL-5C battery installed) to its charger.
- Observe the charging indicator on your device (if available).
- Once fully charged, disconnect the device from the charger. Avoid leaving the battery on charge for extended periods after it reaches full capacity, although the built-in protection helps prevent overcharging.

Battery Usage:

The BL-5C battery provides stable power for your compatible devices. Its 1000mAh capacity ensures a reliable operating time.

- The battery is designed for low power consumption, contributing to longer device operation.
- When the device indicates low battery, recharge it promptly to avoid deep discharge, which can reduce battery lifespan.

MAINTENANCE

Proper maintenance can significantly extend the life of your BL-5C batteries:

- **Storage:** If storing the battery for an extended period, store it in a cool, dry place at approximately 50% charge. Avoid storing fully charged or fully discharged batteries.
- **Cleaning:** Keep the battery contacts clean. Use a dry, soft cloth to wipe away any dust or debris.
- **Avoid Extremes:** Do not expose the battery to extreme heat (e.g., direct sunlight, hot cars) or extreme cold.
- **Regular Use:** For best results, use and recharge the battery regularly.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging.	Charger not connected properly. Faulty charger or charging cable. Battery contacts are dirty. Battery is severely discharged or damaged.	Ensure charger is securely plugged into device and power source. Try a different compatible charger and cable. Clean battery contacts with a dry, soft cloth. If battery is damaged, replace it.
Battery drains quickly.	Battery is old or nearing end of life. High power consumption by the device. Battery not fully charged.	Consider replacing the battery. Reduce device usage or adjust power settings. Ensure battery is fully charged before use.
Device not turning on with battery.	Battery not installed correctly. Battery is completely discharged. Battery is faulty. Device issue.	Re-install battery, ensuring correct polarity. Charge the battery. Try a different, known-good BL-5C battery. Consult your device's manual or manufacturer.

If you continue to experience issues, please refer to the Warranty and Support section for assistance.

SPECIFICATIONS

Attribute	Value
Battery Type	BL-5C Rechargeable Lithium-Ion Battery
Nominal Voltage	3.7V
Capacity	1000mAh
Charging Voltage	4.2V
Battery Cell Composition	Lithium Ion
Product Dimensions	2.09 x 1.34 x 0.22 inches (approx. 53 x 34 x 5.6 mm)
Item Weight	0.776 ounces (approx. 22 grams)
Manufacturer	YMDJL
Recommended Uses	Portable Radios, Cameras, Compatible Nokia Devices

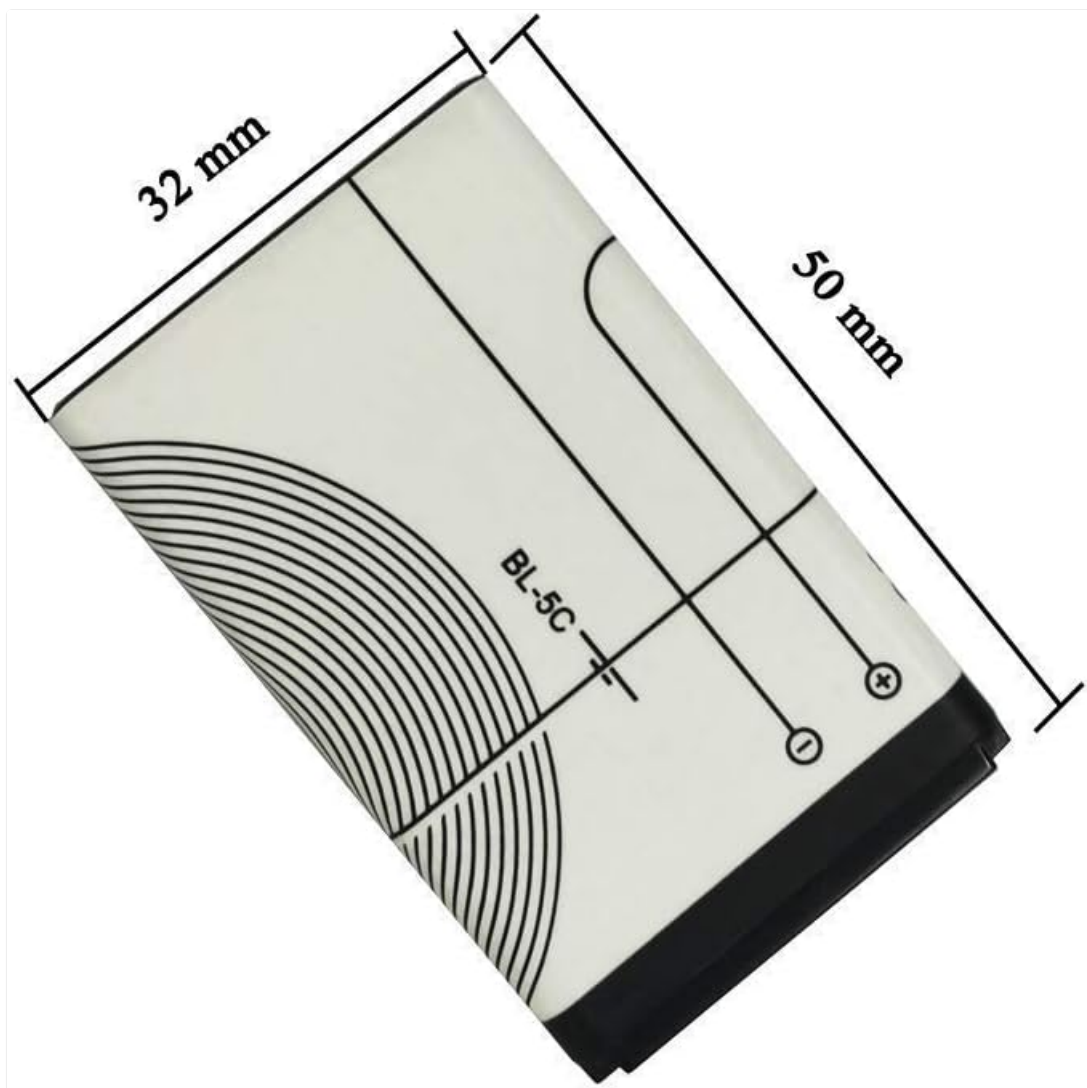


Figure 3: Dimensions of the BL-5C battery, approximately 50mm in length and 32mm in width.

WARRANTY AND SUPPORT

YMDJL is committed to providing high-quality products and customer satisfaction. If you have any questions, concerns, or require assistance with your BL-5C batteries, please do not hesitate to contact us.

Our customer support team aims to reply to all inquiries within 24 hours. For direct support, please visit the [YMDJL Store on Amazon](#) or use the contact methods provided on your purchase platform.

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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.

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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