BCXY CS-LQM300BL

BCXY Battery Replacement User Manual

Model: CS-LQM300BL

1. Introduction

This manual provides essential information for the safe and effective use of your BCXY replacement battery. This battery is designed to provide reliable power for compatible Newland devices.
Please read this manual thoroughly before installation and use to ensure optimal performance and safety.

2. Safety Information

WARNING: Improper handling of lithium-ion batteries can lead to fire, explosion, or other hazards.

- Do not attempt to disassemble, open, or service the battery pack.
- Replace only with the battery pack designated for this product.
- Do not crush, puncture, short external contacts, or dispose of in fire or water.
- Do not store above 60°C (140°F).
- Dispose of used batteries according to local regulations.
- Keep out of reach of children.

3. Product Overview

The BCXY replacement battery (Model: CS-LQM300BL) is a high-quality lithium-ion battery designed for specific Newland devices. It features built-in protection against overcharge, over discharge, over voltage, and short circuits to ensure safe and durable use.



Figure 3.1: Front view of the BCXY replacement battery.



Figure 3.2: Top view of the battery showing the product label with model number, part number, rating, and safety warnings.



Figure 3.3: Detailed view of the battery's multi-pin connector, which connects to the device.

4. Compatibility

This replacement battery is compatible with the following Newland device models:

- Newland N900

- Newland N910
- Newland N510

It is also compatible with battery part number: **LD18650A**.
Tip: Before purchase or installation, please confirm your device model and existing battery part number carefully. If unsure, consult the device's original manual or contact support.

5. Specifications

Attribute	Value
Model Number	CS-LQM300BL
Battery Part Number	LD18650A
Battery Type	Lithium-Ion
Voltage	7.4V
Capacity	2600mAh
Watt-Hours (Wh)	19.24Wh
Dimensions (L x W x H)	67.1 x 37.5 x 20.7mm (2.64 x 1.48 x 0.81 inches)
Weight	119.4g (4.2 ounces)
Certifications	ISO9001, RoHS, CE, UN38.3, MSDS

6. Setup and Installation

Before installing the new battery, ensure your device is powered off and disconnected from any power source.

1. Locate the battery compartment on your Newland device. Refer to your device's original user manual for specific instructions on opening the compartment.
2. Carefully remove the old battery. Disconnect its connector from the device's port.
3. Align the new BCXY replacement battery with the battery compartment. Ensure the connector on the battery matches the port in the device.
4. Gently push the battery connector into the device's port until it is securely seated. Do not force the connection.
5. Place the battery into the compartment, ensuring it fits snugly without bending or damaging any components.
6. Close the battery compartment cover securely.



Figure 6.1: The replacement battery shown alongside a compatible Newland device, illustrating its intended use and fit.

After installation, it is recommended to fully charge the battery before initial use.

7. Operating the Battery

7.1 Charging

Use only the original charger or a certified compatible charger provided with your Newland device. Connect the device to the charger and a power outlet. The device's indicator lights will typically show the charging status.

7.2 Discharging

The battery will discharge during normal use of your device. It is generally recommended to avoid completely draining the battery to 0% frequently, as this can reduce its overall lifespan. Recharge the battery when the device indicates low power.

8. Maintenance

- **Storage:** If storing the battery for an extended period, store it in a cool, dry place at approximately 50% charge. Avoid extreme temperatures.
- **Cleaning:** Keep the battery contacts clean. Use a dry, soft cloth to wipe off any dust or debris.
- **Avoid Physical Damage:** Do not drop, bend, or expose the battery to strong impacts.
- **Temperature:** Operate and store the battery within recommended temperature ranges (typically 0°C to 45°C for operation, -20°C to 60°C for storage).

9. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on after battery installation.	Battery not properly connected; Battery is fully discharged; Faulty battery.	Ensure battery connector is securely seated. Charge the battery for at least 30 minutes. If problem persists, contact support.
Battery does not charge.	Charger issue; Device charging port issue; Battery issue.	Verify charger functionality with another device. Check device charging port for debris. Ensure battery is correctly installed.
Battery drains quickly.	High device usage; Background apps; Battery degradation.	Reduce device screen brightness or disable unnecessary features. Close unused applications. If battery life is significantly shorter than expected, contact support.

10. Warranty and Certifications

This BCXY battery is manufactured with strict quality control and is certified with ISO9001, RoHS, CE, UN38.3, and MSDS for quality assurance and safety.
For specific warranty information, please refer to the purchase documentation or contact your retailer. The manufacturer ensures that the battery meets exact specifications and undergoes rigorous testing for safe and durable use, including protection against overcharge, over discharge, over voltage, and short circuit.

11. Customer Support

If you encounter any issues or have questions not covered in this manual, please contact your point of purchase or the manufacturer's customer support.
When contacting support, please provide your battery model number (CS-LQM300BL) and a detailed description of the issue.
For more information about BCXY products, you may visit theBCXY Store on Amazon.

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