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> [Replacement Battery for Ruiheng 8311/905/MI560,PN:HD495060ARV,2100mAh](#)

ALLC Ruiheng 8311/905/MI560, PN:HD495060ARV

ALLC Replacement Battery Instruction Manual

Model: Ruiheng 8311/905/MI560, PN:HD495060ARV

INTRODUCTION

This manual provides essential information for the safe and effective use of your ALLC Replacement Battery. This battery is designed to be compatible with Ruiheng 8311, 905, and MI560 devices, offering a 2100mAh capacity and 3.8V output. Please read this manual thoroughly before installation and use to ensure optimal performance and safety.

SAFETY INFORMATION AND WARNINGS

WARNING: Failure to follow these safety instructions could result in fire, electric shock, injury, or damage to the battery or device.

- **Warranty Void:** The warranty is void if the product label is removed.
- **No Disassembly:** Do not attempt to disassemble, open, or service the battery pack.
- **Proper Replacement:** Replace only with the battery pack specifically designated for your product.
- **Physical Damage:** Do not crush, puncture, or short external contacts.
- **Environmental Hazards:** Do not dispose of the battery in fire or water.
- **Temperature Limits:** Do not store the battery above 60°C (140°F).
- **Initial Charge:** A new battery pack must be fully charged before its first use.
- **Risk of Fire/Burns:** To reduce the risk of fire or burns, always read and follow the instructions in the operating guide before using the battery.

PRODUCT OVERVIEW



Figure 1: Front view of the ALLC Replacement Battery, showing the product label with model number, capacity, voltage, and safety warnings.



Figure 2: Detailed view of the battery's warning label, highlighting critical safety instructions and specifications.



Figure 3: Back view of the ALLC Replacement Battery, showing the reverse side of the casing.

Key Features

- **Compatibility:** Specifically designed for Ruiheng 8311, 905, and MI560 devices.
- **Capacity:** 2100mAh, 3.8V for extended usage.
- **Advanced Protection:** Features No Memory Effect, Over-Charge, Over-Discharge, Over-Heat, Over-Current, and Short-Circuit Protection.
- **Quality Assurance:** Manufactured with A+ cells, certified by ISO9001, RoHS, and CE standards for reliability and safety.
- **Direct Replacement:** High capacity circulatory function ensures a perfect replacement for original batteries.

SETUP AND INSTALLATION

Before installing the new battery, ensure your device is powered off and disconnected from any power sources. Refer to your device's original instruction manual for specific battery compartment access and removal procedures.

1. **Prepare Device:** Power off your Ruiheng 8311/905/MI560 device completely.
2. **Access Battery Compartment:** Locate and open the battery compartment on your device. This may involve removing a back cover or panel.
3. **Remove Old Battery (if applicable):** Carefully remove the old battery, if present, from its compartment.
4. **Insert New Battery:** Align the ALLC Replacement Battery with the battery contacts inside the compartment. The label on the battery indicates "Insert this direction". Gently push the battery into place until it is securely seated.
5. **Secure Compartment:** Close the battery compartment cover or panel, ensuring it is latched securely.
6. **Initial Charge:** For optimal performance and battery longevity, fully charge the new battery before its first use. Connect your device to its charger and allow it to charge until the device indicates a full charge.

OPERATING INSTRUCTIONS

Charging the Battery

The ALLC Replacement Battery is a Lithium-Ion battery and should be charged using the charger provided with your Ruiheng 8311/905/MI560 device. Always ensure the charger is compatible with your device and battery specifications.

- Connect your device to its original charger.
- Allow the battery to charge completely before disconnecting. The device's indicator will typically show when charging is complete.
- Avoid overcharging by disconnecting the charger once the battery is full, although the battery includes over-charge protection.

General Use

Use the battery within the recommended operating temperatures of your device. While the battery has built-in protections, extreme conditions can affect performance and lifespan.

MAINTENANCE AND STORAGE

- **Regular Charging:** For best battery life, avoid completely draining the battery frequently. Charge it regularly.
- **Storage:** If storing the battery for an extended period, store it in a cool, dry place, ideally at about 50% charge. Do not store above 60°C (140°F).
- **Cleaning:** Keep the battery contacts clean and free of dust or debris. Use a dry, soft cloth to wipe them if necessary.
- **Avoid Physical Damage:** Protect the battery from drops, impacts, and extreme pressure.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem | Possible Cause | Solution |
|--|---|---|
| Battery not charging. | Incorrect installation, faulty charger, or dirty contacts. | Ensure battery is correctly inserted. Check charger and cable for damage. Clean battery and device contacts. |
| Device not powering on with new battery. | Battery not charged, incorrect installation, or device issue. | Fully charge the battery. Re-install the battery. Test with original battery if available to rule out device fault. |
| Battery drains quickly. | High device usage, background apps, or battery degradation. | Reduce device usage, close unnecessary apps. Ensure battery is fully charged before use. If new, allow a few charge cycles for optimal performance. |

SPECIFICATIONS

| Attribute | Value |
|--------------------------|--|
| Model No. | CS-FYL519SL (as per label), Compatible with Ruiheng 8311/905/MI560 |
| Part No. | HD495060ARV |
| Capacity | 2100mAh / 7.98Wh |
| Voltage | 3.8VDC |
| Charge Limited Voltage | 4.35V ± 0.05V |
| Battery Cell Composition | Lithium Ion |
| Manufacturer | cameronsino |
| Country of Origin | China |

WARRANTY AND SUPPORT

This ALLC Replacement Battery comes with a commitment to quality and customer satisfaction. Our batteries undergo strict quality control standards and are certified by ISO9001, RoHS, and CE.

Customer Support

For any questions, concerns, or technical assistance, please contact our customer support team. We guarantee 24-hour email support to address your inquiries promptly.

When contacting support, please provide your product model (Ruiheng 8311/905/MI560, PN:HD495060ARV) and a detailed description of the issue.

Please ensure to check the compatible Voltage, Cell Size, and Connector Type for the best fit with your device before purchase or contacting support.

