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FITHOOD CS-SHR710VX

FITHOOD Replacement Battery Instruction Manual

For Shark ION Robot Vacuums (Models UR1105ARUS, RV2001, RV1001, R71)

1. Introduction

This manual provides essential instructions for the safe and effective use of your FITHOOD replacement battery. This battery is designed for specific Shark ION Robot Vacuum models, offering a reliable power source for your device.

2. Product Compatibility

The FITHOOD replacement battery is compatible with the following Shark ION Robot Vacuum models and battery part numbers:

- **Compatible Robot Vacuum Models:**
  - UR1105ARUS
  - RV2001
  - RV1001
  - ION Robot Vacuum R71
- **Compatible Battery Part Numbers:**
  - RVBAT850
  - RVBAT850A

Please verify your robot vacuum model and existing battery part number before installation to ensure compatibility.

3. Safety Information and Warnings

Observe the following safety precautions to prevent damage to the battery, your device, or personal injury:

- **DO NOT** attempt to disassemble, open, or service the battery pack.
- **DO NOT** crush, puncture, short external contacts, or dispose of in fire or water.
- **DO NOT** store above 60°C (140°F).
- Replace only with the battery pack designated for this product.
- Keep the battery away from children.

- Dispose of used batteries according to local regulations.



Image 3.1: Close-up view of the FITHOOD replacement battery label, detailing safety warnings, model number (CS-SHR710VX), capacity (2600mAh), voltage (14.8VDC), and compatible part number (RVBAT850). The label also indicates manufacturing standards and the manufacturer.

4. Setup and Installation

Follow these general steps to replace the battery in your Shark ION Robot Vacuum. Refer to your robot vacuum's original manual for specific instructions regarding battery compartment access.

1. **Power Off:** Ensure your robot vacuum is completely powered off and disconnected from its charging base.
2. **Access Battery Compartment:** Locate and open the battery compartment on your robot vacuum. This usually involves removing screws from a cover on the underside of the device.
3. **Remove Old Battery:** Carefully disconnect the old battery's connector from the robot vacuum's port. Remove the old battery.
4. **Insert New Battery:** Connect the new FITHOOD battery's connector to the robot vacuum's port. Ensure the connection is secure.
5. **Secure Battery:** Place the new battery into the compartment.
6. **Close Compartment:** Reattach the battery compartment cover and secure it with screws.
7. **Initial Charge:** Place the robot vacuum on its charging base to allow the new battery to fully charge before its first use.



Image 4.1: The FITHOOD replacement battery, model CS-SHR710VX, featuring its blue cylindrical cells, integrated white connector, and metal mounting tabs. This image provides a clear view of the battery's overall design and connection interface.

5. Operating the Battery

Once installed, the battery operates as part of your robot vacuum's power system. For optimal performance:

- **Full Charge:** Always allow the battery to fully charge before its initial use and after each cleaning cycle.
- **Regular Use:** Use your robot vacuum regularly to keep the battery active.
- **Charging Base:** Keep the robot vacuum on its charging base when not in use to maintain battery charge.



Image 5.1: An angled perspective of the FITHOOD replacement battery, showcasing the wiring and the white two-pin connector. This view helps in identifying the correct orientation for connection during installation.

6. Maintenance

Proper maintenance can extend the lifespan of your replacement battery:

- **Avoid Extreme Temperatures:** Do not expose the battery or robot vacuum to extreme heat or cold.
- **Long-Term Storage:** If storing the robot vacuum for an extended period, fully charge the battery, then remove it if possible, and store it in a cool, dry place. Recharge every 3-6 months to prevent deep discharge.
- **Clean Contacts:** Periodically inspect and clean the charging contacts on both the robot vacuum and the charging base to ensure efficient charging.

7. Troubleshooting

If you encounter issues with your new battery, consider the following:

- **Battery Not Charging:**
  - Ensure the battery is correctly installed and the connector is secure.
  - Verify the robot vacuum is properly seated on the charging base.
  - Check the charging base and power adapter for damage.
  - Clean charging contacts on both the robot and base.
- **Short Run Time:**
  - Ensure the battery has completed a full charge cycle.
  - Over time, all batteries experience capacity degradation. If the battery is old, replacement may be necessary.
- **Robot Not Powering On:**

- Confirm the battery is fully charged.
- Re-install the battery to ensure proper connection.
- If the issue persists, consult your robot vacuum's original manual for further diagnostics or contact support.



Image 7.1: A detailed close-up of the white two-pin connector on the FITHOOD replacement battery. This image highlights the specific connector type, crucial for ensuring proper fit and connection with the robot vacuum's internal port.

8. Specifications

Brand	FITHOOD
Model Number	CS-SHR710VX
Battery Type	Lithium-ion
Capacity	2600mAh (38.48Wh)
Voltage	14.8V
Dimensions	70.0 x 36.8 x 36.8mm (2.76 x 1.45 x 1.45 inches)
Weight	260.0g (9.2 ounces)
Certifications	ISO9001, RoHS, CE, UN38.3, MSDS

9. Warranty and Support

For warranty information or technical support, please contact the manufacturer, FITHOOD, or your retailer. Ensure you have your product model number (CS-SHR710VX) and purchase details available.
For additional information regarding Cameron Sino products, which may be related to the battery's internal components, you may visit: http://www.cameronsino.com
If you are unsure about compatibility or have specific questions, you are encouraged to send an email to the seller with your battery details or pictures for professional suggestions.

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