

MULS RVBAT850

MULS 14.4V RVBAT850 Vacuum Battery User Manual

For Shark Ion Robot Vacuum Cleaners

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your MULS 14.4V RVBAT850 Lithium-Ion replacement battery. This battery is designed to power various Shark Ion Robot Vacuum Cleaners, offering a capacity of 3000mAh for extended operation. Please read this manual thoroughly before installation and use to ensure optimal performance and safety.



Image 1.1: The MULS RVBAT850 replacement battery, showing its specifications label and included screwdriver.

2. SAFETY INFORMATION

Your safety is paramount. This battery is manufactured with high-quality materials and circuit boards, incorporating multiple safety features. Adhere to the following guidelines:

- **Certification:** This battery is certified by CE, FCC, and RoHS, ensuring compliance with international safety standards.
- **Protection Features:** Built-in prevention measures include short circuit protection, overheat protection, and overcharge protection.
- **Handling:** Do not disassemble, puncture, or modify the battery. Avoid exposing the battery to extreme temperatures, direct sunlight, or fire.
- **Disposal:** Dispose of used batteries according to local regulations. Do not dispose of in household waste.

Safety & Reliable Quality

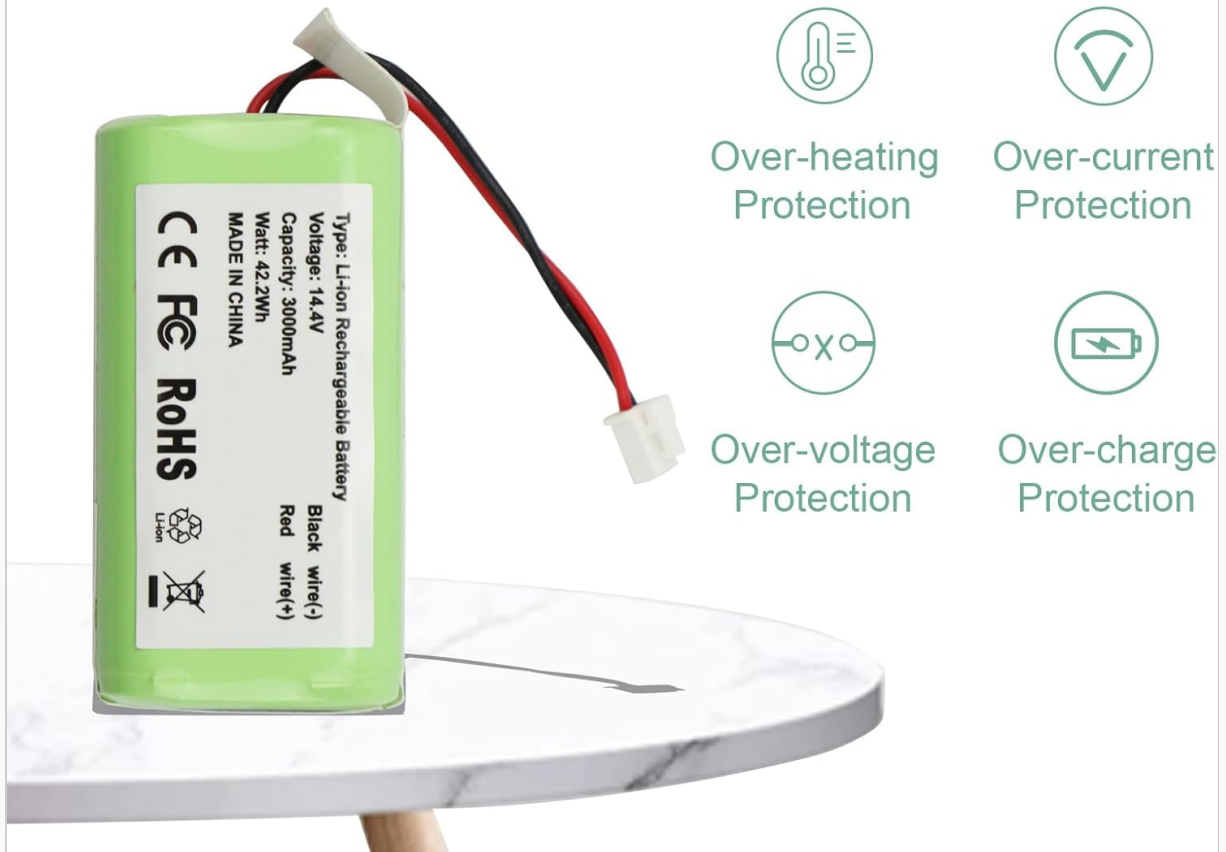


Image 2.1: Visual representation of the battery's safety features, including protection against overheating, over-current, over-voltage, and over-charge.

3. COMPATIBILITY

The MULS RVBAT850 battery is compatible with a wide range of Shark Ion Robot Vacuum Cleaners. Please verify your vacuum cleaner's model number against the list below to ensure compatibility.

Compatible Shark Robot Vacuum Models:

- **RV Series:** RV2320S, RV2310AE, RV2300, RV2310, RV2300S, RV763, RV764, RV765, RV771, RV772, RV913S, RV2610WA, RV2610WD, RV1001AE, RV1000S, RV850, RV851WV, RV871, RV871C, RV1000, RV1001, RV2000WD, RV2001, RV2001WD, RV2502AE, RV2520A0US, RV700, RV700_N, RV720, RV720_N, RV725_N, RV750, RV750_N, RV754, RV761, RV1100S1US, RV1100SRCA, RV1100SRUS, RV1101ARUS, RV1300S3US, RV1401ZWUS, RV2000WRUS, RV700N, RV750NL, RV750R00US, RV750R01US, RV754R01US, RV761N, RV761NL, RV761NR, RV761R01US, RV765R01US, RV772R01US, RV850RBN, RV852WV, RV852WVQBL, RV852WVQBR, RV860WVC, RV871R, RV9105WWUS, RV9113A1US, RV9123S1US, RV9133S1US, RV9904V3US, RV912S.
- **AV Series:** AV2310AE, AV1010AE, AV2501AE, AV911, AV970, AV1002AE, AV2001, AV2001WD, AV2501S, AV752R01US, AV753R01US, AV911S, AV992GVRUS, AV993, AV751, AV752, AV753,

AV751R00US, AV751R01US, AV751R31US, AV752R00US, AV752R01US, AV752R31US.

- **UR Series:** UR2350AE, UR1000S1US, UR1000SR, UR1005AE, UR1100S1US, UR1100SRUS, UR1105ARUS, UR1300S3US, UR1000SR.
- **R Series:** R1000C, R101, R76, R75, R85, R87, R71, R72, R3Z, R4Z.
- **QR Series:** QR1000SB, QR1000SG, QR1000SW, QR1100SRUS, QR1G00SRUS, QR1W00SRUS.
- **Other:** KB28, JL15, XSKAEDOCK, XSKDOCK100, XDCKRV2000, S87.

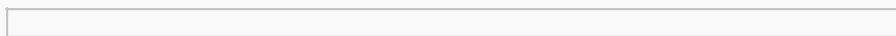


Image 3.1: A selection of Shark robot vacuum models that are compatible with the RVBAT850 battery.

4. SPECIFICATIONS

Feature	Specification
Battery Type	Li-ion Rechargeable Battery
Voltage	14.4V
Capacity	3000mAh
Watt-hours (Wh)	42.2Wh
Battery Cell Composition	Lithium Polymer
Item Weight	14.1 ounces
Package Dimensions	6.5 x 3.2 x 1.56 inches

1.37 in



2.79 in

Image 4.1: Dimensions of the RVBAT850 battery.

5. SETUP AND INSTALLATION

Replacing the battery in your Shark Ion Robot Vacuum Cleaner is a straightforward process. Always ensure the vacuum is powered off and unplugged from its charging base before beginning.

1. **Power Off:** Turn off your robot vacuum cleaner and remove it from the charging dock.
2. **Locate Battery Compartment:** Flip the robot vacuum over to access the battery compartment, typically secured by screws.
3. **Remove Screws:** Use a screwdriver (one may be included with your battery) to carefully remove the screws securing the battery cover.
4. **Disconnect Old Battery:** Gently lift the battery cover. Disconnect the old battery's connector from the vacuum's port.
5. **Insert New Battery:** Connect the MULS RVBAT850 battery's connector to the vacuum's port. Ensure the connector type matches your original battery.
6. **Secure Battery:** Place the new battery into the compartment. Replace the battery cover and secure it with the screws.
7. **Initial Charge:** Place the robot vacuum back on its charging base and allow it to fully charge before its first use.

Product details

Note : make sure the connector is the same type with your original battery

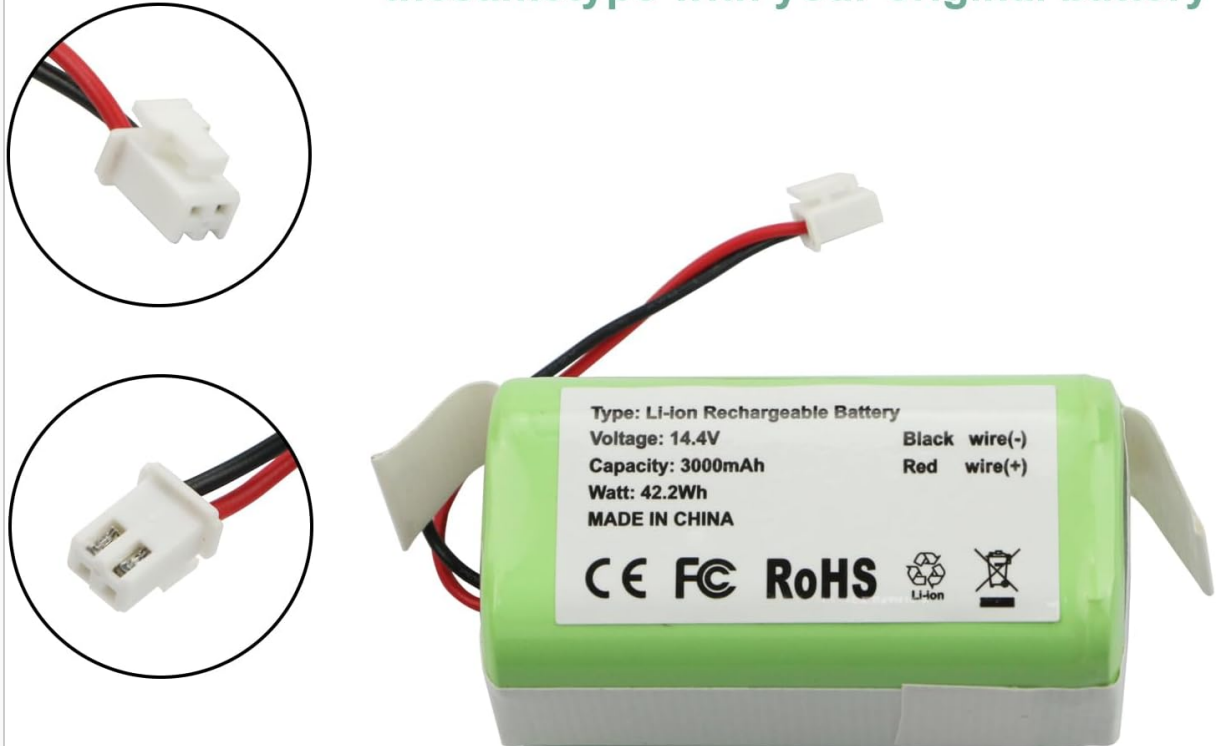


Image 5.1: Detail of the battery connector. Ensure this matches your original battery's connector type.

6. OPERATING

Once the MULS RVBAT850 battery is installed and fully charged, your Shark Ion Robot Vacuum Cleaner is ready for operation. The battery is designed to provide reliable power for your cleaning cycles.

- **First Use:** It is recommended to fully charge the battery before the first cleaning cycle after installation.
- **Charging:** Always use the original charging base and adapter provided with your Shark robot vacuum.
- **Normal Operation:** The robot vacuum will manage battery usage and charging automatically during its cleaning schedule.

7. MAINTENANCE

Proper maintenance can extend the lifespan and performance of your MULS RVBAT850 battery.

- **Regular Use:** For optimal battery health, use your robot vacuum regularly. Avoid leaving the battery completely discharged for extended periods.
- **Storage:** If storing the vacuum for an extended period, ensure the battery is partially charged (around 50%) and store it in a cool, dry place. Avoid extreme temperatures.

- **Cleaning:** Keep the battery contacts on both the battery and the vacuum clean and free of debris to ensure efficient charging.

8. TROUBLESHOOTING

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

- **Vacuum Not Powering On:**
 - Ensure the battery is correctly installed and the connector is firmly seated.
 - Verify the battery is fully charged. Place the vacuum on its charging base for several hours.
- **Reduced Run Time:**
 - Ensure the battery has completed several full charge/discharge cycles to reach its optimal capacity.
 - Check for any obstructions in the vacuum's brushes or wheels that might increase power consumption.
- **Charging Issues:**
 - Clean the charging contacts on both the vacuum and the charging base.
 - Ensure the charging base is properly plugged into a working power outlet.

If problems persist, please refer to the Warranty and Support section for assistance.

9. WARRANTY AND SUPPORT

MULS is committed to providing high-quality products and customer satisfaction.

- **Money-Back Guarantee:** Enjoy a 30-day no-questions-asked full money-back guarantee.
- **Exchange Guarantee:** A 12-month exchange guarantee is provided for product defects or performance issues.
- **Customer Service:** For any problems or inquiries, please contact our 24/7 email service. We are dedicated to resolving your concerns efficiently.

Please note that the return window through the retailer may close one month after product receipt. For issues beyond this period but within the 12-month exchange guarantee, please contact MULS directly.