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RDSJ P2051-4S1P-ZM

RDSJ 6800mAh Replacement Battery User Manual

For HONITURE Q6, AIRROBO T10+, Philips FC8972, Haier TAB-T530S, and Zoozee Z50 Robot Vacuums

INTRODUCTION

This manual provides essential instructions for the safe and effective use of your RDSJ 6800mAh replacement lithium-ion battery. This battery is designed to be compatible with various robot vacuum cleaner models, including HONITURE Q6, Q6 Pro, Q6 Se, AIRROBO T10+, T9, Philips FC8972, Haier TAB-T530S, and Zoozee Z50. Please read this manual thoroughly before installation and use.



Image: The RDSJ 6800mAh replacement battery shown with a small screwdriver and cleaning brush, indicating tools for installation.

SAFETY INSTRUCTIONS

- Do not disassemble, crush, puncture, or dispose of in fire.
- Do not use if the battery shows signs of swelling or damage.
- Keep the battery away from high temperatures and direct sunlight.
- Do not immerse the battery in water or other liquids.
- Use only with compatible robot vacuum cleaners as specified in this manual.
- Keep out of reach of children and pets.
- Dispose of used batteries according to local regulations.



Image: The replacement battery highlighting its built-in protection features: over-charge, over-discharge, over-current, over-temperature, short-circuit, and over-voltage protection.

SETUP AND INSTALLATION

1. **Unboxing:** Carefully remove the replacement battery and any included tools from the packaging.
2. **Power Off Robot Vacuum:** Ensure your robot vacuum cleaner is completely powered off and

disconnected from its charging base before proceeding.

3. **Locate Battery Compartment:** Refer to your robot vacuum's original manual to locate and open the battery compartment. This is typically on the underside of the device.
4. **Remove Old Battery:** Disconnect the old battery's connector and carefully remove it from the compartment.
5. **Verify Connector Type:** Before installing the new battery, confirm that its connector matches the one in your robot vacuum.

BATTERY DETAILS

Please confirm the connector is the same type with your original battery!



Image: Detailed view of the battery's white connector, emphasizing the need to match it with the vacuum's port.

6. **Install New Battery:** Insert the new RDSJ battery into the compartment, ensuring it fits securely. Connect the battery's plug firmly into the vacuum's port.
7. **Close Compartment:** Close the battery compartment cover and secure it if necessary.
8. **Initial Charge:** Place the robot vacuum on its charging base to allow the new battery to fully charge before its first use. This may take several hours.

OPERATING AND CHARGING

Once installed and fully charged, your robot vacuum can operate normally. The RDSJ battery is designed

for efficient performance and fast charging.

- **Regular Charging:** For optimal battery life, allow the robot vacuum to return to its charging base after each cleaning cycle.
- **Avoid Deep Discharge:** While the battery has over-discharge protection, consistently running the battery to 0% before recharging can reduce its overall lifespan.
- **Charging Time:** The initial charge may take longer. Subsequent charges will vary based on the battery's depletion level.

MAINTENANCE AND STORAGE

- **Long-Term Storage:** If the battery will not be used for an extended period (e.g., several months), charge it to approximately 50-60% before storing. Store in a cool, dry place away from direct sunlight.
- **Periodic Recharging:** For stored batteries, recharge to 50-60% every 3-6 months to prevent deep discharge and maintain battery health.
- **Cleaning:** Keep the battery and its contacts clean and free of dust. Use a dry cloth for cleaning.



Image: A bar graph illustrating the battery's low self-discharge rate, retaining 80% capacity after one year of non-use.

TROUBLESHOOTING

- **Battery Not Charging:**
 - Ensure the battery is correctly installed and the connector is firmly seated.
 - Verify the robot vacuum's charging base is powered and functioning.
 - Check for any debris on the charging contacts of both the vacuum and the base.
- **Short Runtime:**
 - Ensure the battery has been fully charged.
 - Confirm the battery is compatible with your specific robot vacuum model.
 - Over time, all batteries experience some degradation. If the battery is old, replacement may be necessary.
- **Vacuum Not Powering On:**
 - Check battery installation and charge level.
 - Consult your robot vacuum's original manual for specific power-on troubleshooting steps.

SPECIFICATIONS

Feature	Detail
Battery Type	Li-ion
Voltage	14.4V / 14.8V
Capacity	6800mAh / 97.92Wh
Cells	8-Cell
Internal Battery Model	P2051-4S1P-ZM
Protection Features	Over-temperature, Overheating, Anti-overcharge, Over-discharge, Over-current, Short-circuit, Over-voltage
Item Weight	14.1 ounces (400 grams)
Package Dimensions	5.9 x 1.96 x 1.96 inches

PRODUCT PARAMETERS

RECHARGEABLE LI-ION BATTERY PACK

Voltage: 14.4V

Capacity: 6800mAh/97.92Wh



Image: Close-up of the battery's label, displaying key specifications like voltage (14.4V), capacity (6800mAh), and internal model number (P2051-4S1P-ZM).

COMPATIBLE ROBOT VACUUM MODELS

This RDSJ replacement battery is compatible with the following robot vacuum cleaner models:

- HONITURE Q6, Q6 Pro, Q6 Se
- AIRROBO T10+, T9
- Philips FC8972
- Haier TAB-T530S
- Zoozee Z50

HONITURE Q6

COMPATIBLE MACHINES



HONITURE Q6, Q6 Pro, Q6 Se Robot Vacuum Cleaner
AIRROBO T10+/T9 Robot Vacuum Cleaner
Philips FC8972 Robot Vacuum Cleaner
Haier TAB-T530S Robot Vacuum Cleaner
Zoozee Z50 Robot Vacuum Cleaner

Image: A collage showing several robot vacuum cleaner models, including HONITURE Q6, AIRROBO T10+, and Philips FC8972, to illustrate compatibility.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official RDSJ website. Keep your purchase receipt as proof of purchase.

Related Documents - P2051-4S1P-ZM

 <p>AmScope User's Manual</p>	<p>AmScope ZM-4 Series User's Manual: Setup, Operation, and Troubleshooting</p> <p>Comprehensive user manual for the AmScope ZM-4 Series stereo microscopes (ZM-4B, ZM-4T). Covers assembly, operation, specifications, maintenance, and troubleshooting for optimal use.</p>
 <p>ICE CREAM MACHINE MANUAL</p>	<p>Commercial Ice Cream Machine Manual - Operation and Maintenance</p> <p>Comprehensive manual for commercial ice cream machines, covering parameters, installation, operation, maintenance, and troubleshooting. Includes detailed instructions for making ice cream and ensuring optimal performance.</p>
 <p>VEVOR TOUGH TOOLS. HALF PRICE. Technical Support and 24-Hour Safety. Confident means never over-investing.</p> <p>Folding Breakfast Tray User Manual</p>	<p>VEVOR Folding Breakfast Tray User Manual</p> <p>This user manual provides instructions, safety precautions, technical specifications, and warranty information for the VEVOR Folding Breakfast Tray. Learn how to assemble, use, and maintain your tray.</p>
 <p>new-electric Instrukcja obsługi Maszyny do lodów Sonoro 1850W</p>	<p>Sonoro 1850W Ice Cream Machine User Manual and Troubleshooting Guide</p> <p>Comprehensive user manual for the New-Electric Sonoro 1850W ice cream machine, covering installation, operation, maintenance, and troubleshooting for models ZM-A168, ZM-A200, ZM-A360, ZM-A480.</p>
 <p>VEVOR TOUGH TOOLS. HALF PRICE. Technical Support and 24-Hour Safety. Confident means never over-investing.</p> <p>DIESEL HEATER</p>	<p>VEVOR Diesel Heater User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for VEVOR Diesel Heaters, covering safety instructions, operation, installation, model specifications, packing lists, and troubleshooting.</p>
 <p>VEVOR TOUGH TOOLS. HALF PRICE. Technical Support and 24-Hour Safety. Confident means never over-investing.</p> <p>DIESEL HEATER</p>	<p>VEVOR Diesel Heater User Manual: Installation, Operation, and Safety Guide</p> <p>Comprehensive user manual for VEVOR Diesel Heaters, covering installation, operation, safety precautions, troubleshooting, and model specifications. Find detailed instructions for your VEVOR diesel heater.</p>