

[Manuals.plus](#) /

> [CaliHutt](#) /

> CaliHutt 6.0Ah Replacement Battery for iRobot Roomba R3 500-900 Series Instruction Manual

CaliHutt R3 500 600 700 800 900 Series

CaliHutt 6.0Ah Replacement Battery for iRobot Roomba R3 500-900 Series Instruction Manual

Model: R3 500 600 700 800 900 Series | Brand: CaliHutt

1. INTRODUCTION

This manual provides instructions for the safe and effective use of your CaliHutt 6.0Ah 14.4V Lithium-Ion Replacement Battery. This high-capacity battery is designed to extend the operating time of your iRobot Roomba robot vacuum, ensuring consistent and reliable performance. Please read this manual thoroughly before installation and use.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the battery, your Roomba, and to ensure personal safety:

- Do not open, disassemble, or modify the battery.
- Keep the battery away from heat sources, direct sunlight, and flammable materials.
- Do not expose the battery to water or moisture.
- Avoid short-circuiting the battery terminals.
- Charge the battery only with the original iRobot Roomba charger or a compatible charger designed for Roomba batteries.
- If the battery shows signs of damage, leakage, or overheating, discontinue use immediately and dispose of it properly.
- Store the battery in a cool, dry place when not in use.
- This battery includes built-in protection against overcharging, overheating, overcurrent, over-loading, over-voltage, and short-circuiting to enhance safety and durability.



Image: The CaliHutt replacement battery features intelligent multiple protection systems, including safeguards against over-loading, over-voltage, over-current, over-heating, over-charging, and short-circuiting, ensuring safe operation.

3. COMPATIBILITY

This CaliHutt 6.0Ah 14.4V replacement battery is specifically designed for iRobot Roomba robot vacuum models across the 500, 600, 700, 800, and 900 series. Compatible models include, but are not limited to:

- **500 Series:** All models
- **600 Series:** 614, 640, 675, 680, 690, 695, and others
- **700 Series:** All models
- **800 Series:** 860, 890, 895, and others
- **900 Series:** 960, 980, and others

No adapters are needed for installation; the battery is designed for direct replacement.



Image: The CaliHutt battery is compatible with iRobot Roomba 500, 600, 700, and 800 series robot vacuums, demonstrating its wide range of application.

4. INSTALLATION INSTRUCTIONS

Follow these steps to replace the battery in your iRobot Roomba:

1. **Power Off:** Ensure your Roomba is turned off and disconnected from its charging base.
2. **Flip Roomba:** Carefully turn your Roomba upside down on a clean, flat surface.
3. **Remove Screws:** Locate the battery compartment cover. Depending on your Roomba model, you may need to remove 2 to 4 screws using a Phillips head screwdriver to access the battery.
4. **Remove Old Battery:** Gently lift out the old battery. Note its orientation.
5. **Insert New Battery:** Place the CaliHutt replacement battery into the compartment, ensuring it is oriented correctly and fits snugly. The green pull tabs should be accessible for future removal.
6. **Secure Cover:** Replace the battery compartment cover and secure it with the screws.

7. **Initial Charge:** Place your Roomba back on its charging base for an initial full charge before its first use.



Image: The battery is designed for easy installation into the Roomba's battery compartment, requiring minimal effort to replace.

Your browser does not support the video tag.

Video: This video demonstrates the installation process for the CaliHutt 14.4V 6.0Ah replacement battery in an iRobot Roomba 500-900 Series robot vacuum.

5. CHARGING AND USAGE

The CaliHutt 6.0Ah battery provides extended cleaning time for your Roomba. For optimal performance:

- **Initial Charge:** Fully charge the battery before its first use. This may take several hours.
- **Regular Charging:** Always return your Roomba to its charging base after each cleaning cycle.
- **Battery Life:** The 6.0Ah capacity is designed to provide significantly longer run times compared to standard batteries, reducing the frequency of recharging during cleaning tasks.

- **Recharge Cycles:** This battery is engineered for over 1000 recharge cycles, ensuring long-lasting performance.



Image: The CaliHutt battery offers 14.4V voltage, 6000mAh capacity, and is rated for over 1000 recharge cycles, providing extended operational time for your Roomba.

6. MAINTENANCE

Proper maintenance can extend the life of your battery:

- **Regular Cleaning:** Periodically clean the battery contacts on both the battery and the Roomba with a dry cloth to ensure good electrical connection.
- **Storage:** If you plan not to use your Roomba for an extended period (e.g., several months), fully charge the battery, then remove it from the Roomba and store it in a cool, dry place. Recharge it every 3-6 months to maintain its health.
- **Avoid Deep Discharge:** While the battery has protection, try to avoid letting the Roomba completely run out of power frequently.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Roomba not charging or showing error.	Dirty battery contacts, improper installation, or a Roomba system error.	<ul style="list-style-type: none">◦ Ensure battery is correctly installed.◦ Clean battery and Roomba charging contacts.◦ Perform a Roomba reboot (refer to your Roomba's original manual).
Short run time after full charge.	Battery not fully charged, or Roomba components (brushes, wheels) are obstructed, causing increased power draw.	<ul style="list-style-type: none">◦ Ensure the battery is fully charged.◦ Clean Roomba brushes, wheels, and sensors.◦ Verify the Roomba is operating in an optimal environment (e.g., not getting stuck frequently).
Battery feels unusually hot during charging or operation.	Overheating due to environmental factors or internal issue.	<ul style="list-style-type: none">◦ Immediately disconnect from charger and remove from Roomba.◦ Allow battery to cool down in a well-ventilated area.◦ If overheating persists, discontinue use and contact support.

8. SPECIFICATIONS

Feature	Detail
Brand	CaliHutt
Model Name	for iRobot Roomba R3 500 600 700 800 900 Series
Battery Type	Lithium-Ion
Voltage	14.4V
Capacity	6.0Ah (6000mAh)
Energy	86.4Wh
Reusability	Rechargeable
Item Weight	1.01 pounds
Package Dimensions	5.94 x 2.48 x 2.24 inches

9. WARRANTY AND SUPPORT

CaliHutt offers an 18-month warranty for this product. If you are not satisfied with the product within 18 months of purchase, please contact CaliHutt customer support. They will provide a replacement product or a full refund according to your preference.

For further assistance or inquiries, please visit the [CaliHutt Store on Amazon](#).

SHOPPING WITH NO RISK

 **3 DAYS**
Fast shipping from US and arrive within 3 days.

 **18 MONTHS**
Within 18 months if you are not satisfied with the product, please contact us. We will provide you with a replacement product or a full refund free of charge according to your preference.



Image: CaliHutt's commitment to customer satisfaction, offering an 18-month guarantee for replacement or refund.

