

SPANN CS-LVR590VX

SPANN CS-LVR590VX Battery Replacement Manual

For LG HomBot VR64607LV, VR64701, VR64701LVMP, VR64702LVMB Series

INTRODUCTION

This manual provides essential information for the safe and effective use of your SPANN CS-LVR590VX replacement battery. This Li-ion battery is designed for specific LG HomBot robot vacuum cleaner models, including VR64607LV, VR64701, VR64701LVMP, and VR64702LVMB, and is compatible with part numbers EAC62218202 and EAC62218205. Please read these instructions carefully before installation and use.

IMPORTANT SAFETY INFORMATION

Failure to follow these safety instructions may result in fire, electric shock, injury, or damage to the product or property.

- **DO NOT ATTEMPT TO DISASSEMBLE, OPEN, OR SERVICE THE BATTERY PACK.** This battery contains no user-serviceable parts.
- **DO NOT CRUSH, PUNCTURE, SHORT EXTERNAL CONTACTS, OR DISPOSE OF IN FIRE OR WATER.** Exposure to high temperatures or physical damage can cause the battery to explode or leak.
- **REPLACE ONLY WITH THE BATTERY PACK DESIGNATED FOR THIS PRODUCT.** Using an incompatible battery may pose a risk of fire or explosion.
- **DO NOT STORE ABOVE 60°C (140°F).** High temperatures can degrade battery performance and safety.
- **TO REDUCE RISK OF FIRE OR BURNS,** do not expose to temperatures above 60°C (140°F).
- **READ INSTRUCTIONS IN THE OPERATING GUIDE** of your LG HomBot before using this battery.

WHAT'S IN THE BOX

- 1 x SPANN CS-LVR590VX Replacement Battery

SETUP: BATTERY INSTALLATION

Before installing the new battery, ensure your LG HomBot is powered off and unplugged from its charging station. Refer to your LG HomBot's original user manual for specific instructions on accessing the battery compartment.

1. Locate the battery compartment on the underside of your LG HomBot. This usually requires unscrewing a cover.
2. Carefully remove the old battery from the compartment. Disconnect any wiring if applicable.
3. Insert the new SPANN CS-LVR590VX battery into the compartment, ensuring the correct orientation and that the electrical connectors align properly.
4. Secure the battery in place and reattach the battery compartment cover.
5. Place the LG HomBot back on its charging station to initiate the first charge.



This image displays the front side of the SPANN CS-LVR590VX battery, highlighting its model number, compatible part numbers (EAC62218202, EAC62218205), voltage (14.4VDC), and capacity (2600mAh / 37.44Wh). Important safety warnings are also visible on the label.



This image shows a side view of the SPANN CS-LVR590VX battery, illustrating its compact design and the electrical connector pins that interface with the LG HomBot vacuum cleaner.

OPERATING INSTRUCTIONS

The SPANN CS-LVR590VX battery is designed to function seamlessly with your compatible LG HomBot robot vacuum cleaner. For detailed operational instructions, including scheduling, cleaning modes, and specific robot functions, please refer to the original user manual provided with your LG HomBot.

- **Initial Charge:** It is recommended to fully charge the battery before its first use to optimize performance and battery life.
- **Charging:** Always charge the battery using the original LG HomBot charging station or power adapter.
- **Usage:** The battery will power your LG HomBot for its cleaning cycles. Run time may vary based on cleaning mode, floor type, and age of the battery.

MAINTENANCE AND STORAGE

Proper maintenance and storage can significantly extend the life of your SPANN CS-LVR590VX battery.

- **Regular Charging:** For optimal performance, allow the robot to return to its charging station after each cleaning cycle.
- **Storage:** If the battery will not be used for an extended period (e.g., several months), store it in a cool, dry place at approximately 50% charge. Avoid storing fully charged or fully discharged.
- **Temperature:** Avoid exposing the battery to extreme temperatures, both hot and cold, as this can reduce its capacity and lifespan.
- **Cleaning:** Keep the battery contacts clean and free of dust or debris.

TROUBLESHOOTING

If you encounter issues with your SPANN CS-LVR590VX battery, consider the following common solutions:

- **Battery Not Charging:**
 - Ensure the battery is correctly installed and making proper contact within the LG HomBot.
 - Verify that the LG HomBot is properly seated on its charging station or that the power adapter is securely connected.
 - Check the charging station and power adapter for any damage.
 - Refer to your LG HomBot's manual for specific charging indicators and troubleshooting steps.
- **Short Run Time:**
 - Ensure the battery has been fully charged. New batteries may require a few charge/discharge cycles to reach full capacity.
 - Check if the LG HomBot is operating in a high-power mode or on difficult surfaces (e.g., thick carpets), which can consume more power.
 - Over time, all rechargeable batteries experience a decrease in capacity. If the battery is old, it may be nearing the end of its lifespan.

- **Robot Not Powering On:**

- Confirm the battery is fully charged.
- Re-install the battery to ensure a secure connection.
- Check the LG HomBot's power button and other controls as per its original manual.

If problems persist after attempting these steps, please contact SPANN customer support or refer to the LG HomBot manufacturer for further assistance.

SPECIFICATIONS

| | |
|------------------------------------|---|
| Model Number | CS-LVR590VX |
| Battery Type | Lithium-Ion (Li-ion) |
| Voltage | 14.4V |
| Capacity | 2600mAh / 37.44Wh |
| Dimensions (L x W x H) | 116.25 x 70.25 x 49.00mm (approx. 4.58 x 2.77 x 1.93 inches) |
| Weight | 393g (approx. 0.87 lbs) |
| Compatible Part Numbers | EAC62218202, EAC62218205 |
| Compatible LG HomBot Models | VR64607LV, VR64701, VR64701LVMP, VR64702LVMB |
| Protection Features | Over-charge, Over-discharge, Over-heat, Over-current, Short-circuit |

WARRANTY AND SUPPORT

Your SPANN CS-LVR590VX battery comes with a **365-day warranty** from the date of purchase, covering manufacturing defects. This warranty does not cover damage caused by misuse, accident, unauthorized modification, or normal wear and tear.

For warranty claims, technical support, or any questions regarding your battery, please contact SPANN customer service through the retailer where the product was purchased or refer to the contact information provided with your product packaging.