

SPANN CS-CNS129VX

SPANN CS-CNS129VX Lithium-Ion Battery Replacement Manual

For Bagotte BL509 and compatible devices

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use, installation, and maintenance of your SPANN CS-CNS129VX lithium-ion battery. This battery is designed as a replacement for devices requiring Part No: BONA18650-MF1, such as the Bagotte BL509 robot vacuum cleaner. Please read this manual thoroughly before installation and operation to ensure optimal performance and safety.

2. IMPORTANT SAFETY INFORMATION

Failure to follow these safety instructions may result in fire, electric shock, injury, or damage to the battery or device. Keep this manual for future reference.

- **DO NOT ATTEMPT TO DISASSEMBLE:** Disassembling the battery pack will void the warranty and may cause serious injury.
- **REPLACE ONLY WITH THE BATTERY PACK DESIGNATED FOR THIS PRODUCT:** Use only the specified replacement battery to avoid compatibility issues and potential hazards.
- **DO NOT CRUSH, PUNCTURE, SHORT EXTERNAL CONTACTS, OR DISPOSE OF IN FIRE OR WATER:** Such actions can lead to explosion, fire, or leakage.
- **DO NOT STORE ABOVE 60°C (140°F):** High temperatures can degrade battery performance and pose a safety risk.
- Keep the battery away from children and pets.
- Dispose of used batteries according to local regulations.



Image: Close-up view of the SPANN CS-CNS129VX lithium-ion battery label, showing model number, voltage, capacity, and critical safety warnings regarding disassembly, crushing, and temperature limits.

3. PRODUCT OVERVIEW

The SPANN CS-CNS129VX is a high-quality lithium-ion battery designed for reliable power delivery. It features advanced protection mechanisms to ensure safe operation and a long lifespan.



Image: Angled view of the SPANN CS-CNS129VX lithium-ion battery, showcasing its black casing and integrated wiring harness.



Image: Detailed close-up of the battery's four-pin connector with red, black, and yellow wires, indicating the connection interface.

4. COMPATIBILITY

This SPANN battery (Model No: CS-CNS129VX) is compatible with devices that use the BONA18650-MF1 part number. It is specifically designed for use with the Bagotte BL509 robot vacuum cleaner.

6. OPERATING INSTRUCTIONS

Once installed, the battery operates in conjunction with your device. Ensure your device's charging system is functioning correctly to maintain battery health.

- **Charging:** Charge the battery using the original charger and charging dock provided with your device.
- **Discharging:** Allow the device to operate until the battery level is low, but avoid complete discharge to 0% frequently, as this can reduce overall battery lifespan.
- **Protection Features:** This battery is equipped with built-in protection against over-charge, over-discharge, over-heat, over-current, and short-circuit, enhancing safety and durability.
- **No Memory Effect:** Lithium-ion batteries do not suffer from memory effect, meaning you can charge them at any time without needing to fully discharge them first.

7. MAINTENANCE AND STORAGE

Proper care and storage will extend the life of your SPANN battery.

- **Regular Use:** For optimal performance, use the battery regularly. If stored for extended periods, charge it to about 50-70% every 3-6 months.
- **Temperature:** Store the battery in a cool, dry place, ideally between 0°C and 25°C (32°F and 77°F). Avoid extreme temperatures.
- **Cleaning:** Keep the battery and its contacts clean and dry. Use a soft, dry cloth to wipe away dust or debris.
- **Avoid Physical Damage:** Protect the battery from drops, impacts, and crushing.

8. TROUBLESHOOTING

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

- **Device Not Powering On:** Ensure the battery is correctly installed and fully charged. Check the device's power button and connections.
- **Shortened Run Time:** This could indicate the battery needs recharging or, over time, may be reaching the end of its lifespan. Ensure proper charging cycles.
- **Charging Issues:** Verify that the charger and charging port of your device are clean and undamaged. Try charging in a different outlet.
- **Overheating:** If the battery or device becomes excessively hot during charging or operation, immediately disconnect it and cease use. Contact support.

For persistent issues, refer to your device's manual or contact SPANN customer support.

9. TECHNICAL SPECIFICATIONS

Specification	Detail
Model Number	CS-CNS129VX
Part Number Compatibility	BONA18650-MF1
Battery Type	Lithium-Ion
Voltage	14.4V
Capacity	3000mAh / 43.20Wh

Dimensions (L x W x H)	93.36 x 47.94 x 47.94mm (approx. 3.68 x 1.89 x 1.89 inches)
Weight	315.2g (approx. 11.1 ounces)
Manufacturer	SPANN

10. WARRANTY AND SUPPORT

Your SPANN CS-CNS129VX battery comes with a **365-day warranty** from the date of purchase, covering manufacturing defects. If you have any questions, concerns, or require technical assistance, please contact SPANN customer support.

For more information, you may visit the manufacturer's website: www.cameronsino.com