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BCXY CS-ZCA400VX

BCXY Replacement Battery User Manual

For Zaco A8s, A9s, A4s, A6 Robotic Vacuum Cleaners (Model: CS-ZCA400VX)

Safety Information | Product Overview | Installation | Operation | Maintenance | Troubleshooting | Specifications | Warranty & Support

1. Safety Information

Please read all safety instructions carefully before installing or using the battery. Failure to follow these instructions may result in fire, electric shock, or other hazards.

- **CAUTION:** Do not attempt to disassemble, open, or service the battery pack.
- **CAUTION:** Replace only with the battery pack designated for this product.
- **CAUTION:** Do not crush, puncture, short external contacts, or dispose of in fire or water.
- **CAUTION:** Do not store above 60°C (140°F).
- Keep the battery away from children and pets.
- If the battery shows signs of damage, swelling, or leakage, discontinue use immediately and dispose of it properly.
- Use only the charger specified by the device manufacturer for charging this battery.

2. Product Overview

This BCXY replacement battery (Model CS-ZCA400VX, Part No. 501929) is designed to provide reliable power for your Zaco robotic vacuum cleaner. It is compatible with the following models:

- Zaco A8s
- Zaco A9s
- Zaco A4s
- Zaco A6

Key Features:

- Manufactured to exact specifications for optimal compatibility.
- Equipped with overcharge, over-discharge, over-voltage, and short-circuit protection.

- Certificated with ISO9001, RoHS, CE, UN38.3, and MSDS for quality assurance.
- Lithium-Ion battery technology.

3. Installation Instructions

Follow these steps to safely replace the battery in your Zaco robotic vacuum cleaner. Always ensure the device is powered off and unplugged before beginning.

1. **Prepare the Device:** Turn off your Zaco robotic vacuum cleaner and unplug it from any charging base or power source. Place it on a clean, flat surface.
2. **Locate Battery Compartment:** Refer to your Zaco vacuum cleaner's original manual to locate and open the battery compartment. This is typically on the underside of the device and may require a screwdriver.
3. **Remove Old Battery:** Carefully disconnect the old battery's connector from the device's port. Lift out the old battery.
4. **Insert New Battery:** Place the new BCXY replacement battery into the compartment. Ensure it fits securely without forcing it.
5. **Connect New Battery:** Align the connector of the new battery with the port inside the vacuum cleaner and gently push until it clicks into place.



Figure 1: The BCXY replacement battery (Model CS-ZCA400VX) for Zaco robotic vacuum cleaners. Note the label with model and part numbers.



Figure 2: Close-up view of the battery connector, showing the two-pin configuration for connection to the device.



Figure 3: Top view of the BCXY battery, highlighting its compact form factor and wiring.

6. **Close Compartment:** Securely close the battery compartment cover and fasten any screws removed earlier.
7. **Initial Charge:** Place your Zaco robotic vacuum cleaner back on its charging base or connect it to the power adapter. Allow the battery to fully charge before its first use. This may take several hours.

4. Operating Guidelines

Once the new battery is installed and fully charged, your Zaco robotic vacuum cleaner is ready for operation. For specific operational modes and features, refer to your vacuum cleaner's original user manual.

- **First Use:** It is recommended to fully charge the battery before the first use to optimize its lifespan.
- **Regular Charging:** For optimal performance, always return the vacuum cleaner to its charging base after each cleaning cycle.
- **Avoid Deep Discharge:** Do not allow the battery to completely drain frequently, as this can reduce its overall lifespan.
- **Temperature:** Operate the device within the recommended temperature range specified by the vacuum cleaner manufacturer.

5. Maintenance and Storage

Proper maintenance and storage can extend the life of your BCXY replacement battery.

- **Cleaning:** Keep the battery contacts clean and free of dust or debris. Use a dry, soft cloth for cleaning.

- **Long-Term 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. Recharge it every 3-6 months to prevent deep discharge.
- **Temperature:** Avoid storing the battery in extreme temperatures, both hot and cold, as this can degrade battery performance and lifespan.
- **Disposal:** Dispose of old or damaged batteries according to local regulations. Do not dispose of batteries in household waste or fire.

6. Troubleshooting

If you encounter issues with your new battery, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Battery not charging	Incorrect installation, faulty charger, dirty contacts, or battery not fully seated.	Ensure the battery is correctly installed and its connector is firmly attached. Clean charging contacts on both the vacuum and the charging base. Verify the charger is working.
Short operating time	Battery not fully charged, or battery degradation over time.	Ensure the battery is fully charged before use. If the issue persists after multiple full charge cycles, the battery may be nearing the end of its lifespan.
Vacuum cleaner not turning on	Battery not installed, completely discharged, or faulty.	Check battery installation. Charge the battery for several hours. If the problem persists, contact support.

7. Specifications

Technical details for the BCXY Replacement Battery (Model CS-ZCA400VX).

Feature	Detail
Model Number	CS-ZCA400VX
Part Number	501929
Compatible Models	Zaco A8s, A9s, A4s, A6
Battery Type	Lithium Ion
Voltage	14.8V
Capacity	2600mAh
Watt-Hours (Wh)	38.48Wh
Dimensions	69.8 x 36.9 x 36.7mm (2.75 x 1.45 x 1.44 inches)
Weight	255.4g (9 ounces)
Certifications	ISO9001, RoHS, CE, UN38.3, MSDS
Manufacturer	Estry

8. Warranty and Support

This BCXY replacement battery is manufactured by Estry and designed to meet high-quality standards, evidenced by its ISO9001, RoHS, CE, UN38.3, and MSDS certifications.
For specific warranty details, please refer to the purchase documentation or contact your retailer. For additional product information or support, you may visit the manufacturer's website: www.cameronsino.com.

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