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› BCXY Replacement Battery Instruction Manual for Ecovacs Deebot D660, D63S, D780, D76, D720, D710

## BCXY CS-EDD660VX

# BCXY Replacement Battery Instruction Manual

For Ecovacs Deebot D660, D63S, D780, D76, D720, D710 Robot Vacuums

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your new BCXY replacement battery. This battery is designed to be compatible with various Ecovacs Deebot robot vacuum cleaner models, ensuring optimal performance and longevity for your device.

Please read this manual thoroughly before installation and use to ensure proper handling and to maximize the battery's lifespan.

## 2. SAFETY INFORMATION

**WARNING: 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.
- **REPLACE ONLY** with the battery pack designated for this product. Using an incompatible battery may cause damage or fire.
- **DO NOT** crush, puncture, short external contacts, or dispose of in fire or water.
- **DO NOT** store above 60°C (140°F).
- Keep the battery away from children and pets.
- If the battery leaks, avoid contact with skin and eyes. If contact occurs, flush with plenty of water and seek medical attention immediately.
- Dispose of used batteries according to local regulations. Do not dispose of with household waste.



Image 2.1: The BCXY replacement battery, showing its label with model number CS-EDD660VX, part number LP43SC3300P5, and important safety warnings regarding handling and storage.

### 3. COMPATIBILITY

This BCXY replacement battery is specifically designed for the following Ecovacs Deebot robot vacuum cleaner models:

- Ecovacs Deebot D660
- Ecovacs Deebot D63S
- Ecovacs Deebot D780

- Ecovacs Deebot D76
- Ecovacs Deebot D720
- Ecovacs Deebot D710

It is also compatible with battery part number **LP43SC3300P5**.

Before purchasing or installing, please verify your robot vacuum's model number and existing battery part number to ensure compatibility.

## 4. INSTALLATION INSTRUCTIONS

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Follow these steps to safely replace the battery in your Ecovacs Deebot robot vacuum. Refer to your robot vacuum's original manual for specific instructions on accessing the battery compartment, as procedures may vary slightly by model.

1. **Power Off and Disconnect:** Ensure your robot vacuum is completely powered off and disconnected from its charging base or power adapter.
2. **Access Battery Compartment:** Turn the robot vacuum upside down. Locate the battery compartment cover, usually secured by screws. Use a screwdriver to remove the screws and open the cover.
3. **Remove Old Battery:** Carefully disconnect the old battery's connector from the robot vacuum's port. Lift the old battery out of the compartment.
4. **Insert New Battery:** Place the new BCXY replacement battery into the compartment, ensuring it fits snugly.
5. **Connect New Battery:** Align the connector of the new battery with the port in the robot vacuum and gently push until it clicks into place. Ensure a secure connection.
6. **Close Compartment:** Replace the battery compartment cover and secure it with the screws.
7. **Initial Charge:** Place the robot vacuum back on its charging base or connect it to the power adapter for an initial full charge (refer to Section 5 for charging details).

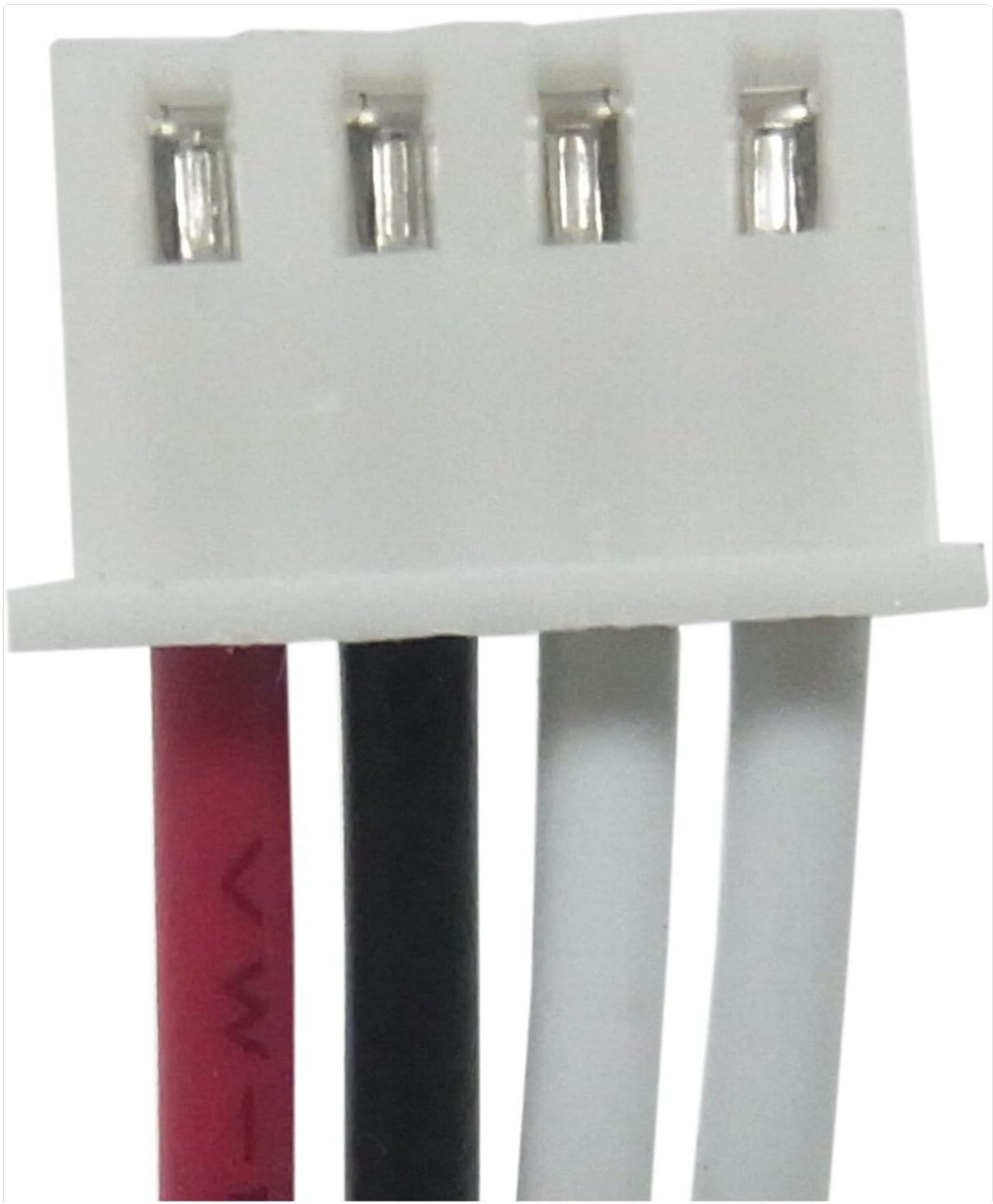


Image 4.1: A close-up view of the battery's white connector with four wires (red, black, white, white), illustrating the connection point for installation.



Image 4.2: Top view of the BCXY replacement battery, showing its compact, multi-cell design, which helps ensure a proper fit within the robot vacuum's battery compartment.

## 5. CHARGING INSTRUCTIONS

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For optimal performance and battery longevity, follow these charging guidelines:

- **Initial Charge:** After installing the new battery, fully charge the robot vacuum for at least 12 hours before its first use, even if the indicator light suggests it's full sooner. This helps to condition the battery.
- **Regular Charging:** Always return the robot vacuum to its charging base after each cleaning cycle. The battery is designed to be kept charged when not in use.
- **Avoid Deep Discharge:** While the battery has over-discharge protection, try to avoid completely draining the battery frequently, as this can reduce its overall lifespan.
- **Use Original Charger:** Always use the original charging base and power adapter provided with your Ecovacs Deebot robot vacuum.

## 6. MAINTENANCE AND STORAGE

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Proper care and storage will extend the life of your BCXY replacement battery:

- **Regular Use:** Batteries perform best with regular use. If the robot vacuum is not used for an extended period, perform a full charge and discharge cycle at least once every three months.

- **Storage:** If storing the robot vacuum for a long period (e.g., several months), remove the battery and store it in a cool, dry place at approximately 50% charge. Do not store fully charged or fully discharged.
- **Temperature:** Avoid exposing the battery to extreme temperatures, both hot and cold, as this can degrade performance and lifespan.
- **Cleaning:** Keep the battery contacts clean and free of dust or debris.

## 7. TROUBLESHOOTING

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

- **Robot not powering on:**
  - Ensure the battery is correctly installed and the connector is securely attached.
  - Verify the robot vacuum is fully charged.
- **Short run time:**
  - Ensure the battery has completed its initial 12-hour charge.
  - Check for any obstructions or issues with the robot vacuum that might cause it to draw excessive power.
  - Confirm the battery is fully charging each time.
- **Charging issues:**
  - Clean the charging contacts on both the robot vacuum and the charging base.
  - Ensure the charging base is properly powered.
  - Verify the battery connector is firmly seated.

If problems persist after following these steps, please contact customer support for further assistance.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	CS-EDD660VX
Compatible Part Number	LP43SC3300P5
Battery Cell Composition	NiMH (Nickel Metal Hydride)
Voltage	6.0V
Capacity	3300mAh
Watt-Hours (Wh)	19.8Wh
Dimensions	65.0 x 46.0 x 45.5mm (2.56 x 1.81 x 1.79 inches)
Weight	374.5g (13.2 ounces)
Certifications	ISO9001, RoHS, CE, UN38.3, MSDS



