



Manuals.plus /

- › VI VINTRONS /
- › VI VINTRONS Replacement Battery User Manual for Ecovacs Winbot X Series

## VI VINTRONS 10002221, S07-Li-222-3000

# VI VINTRONS Replacement Battery User Manual

For Ecovacs Winbot X Series (Models WA30, WA50)

## 1. INTRODUCTION

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Thank you for choosing the VI VINTRONS Replacement Battery. This manual provides essential information for the safe and effective use of your new battery, compatible with Ecovacs Winbot X, WA30, and WA50 models. Please read these instructions carefully before installation and use.



Image 1: The VI VINTRONS replacement battery, showing its compact design and connector.

## 2. IMPORTANT SAFETY INSTRUCTIONS

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Failure to follow these safety instructions may result in fire, electric shock, or other injury or damage. Keep these instructions in a safe place for future reference.



Image 2: The battery label displaying important safety warnings and specifications.

- **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 pose a risk of fire or explosion.
- **Do not crush, puncture, short external contacts, or dispose of in fire or water.**
- **Do not store above 60°C (140°F).** High temperatures can damage the battery and pose a fire risk.
- **New battery pack must be fully charged before use.**
- **Read instructions in operating guide before using the battery.**
- Keep the battery away from children.
- Dispose of used batteries according to local regulations.

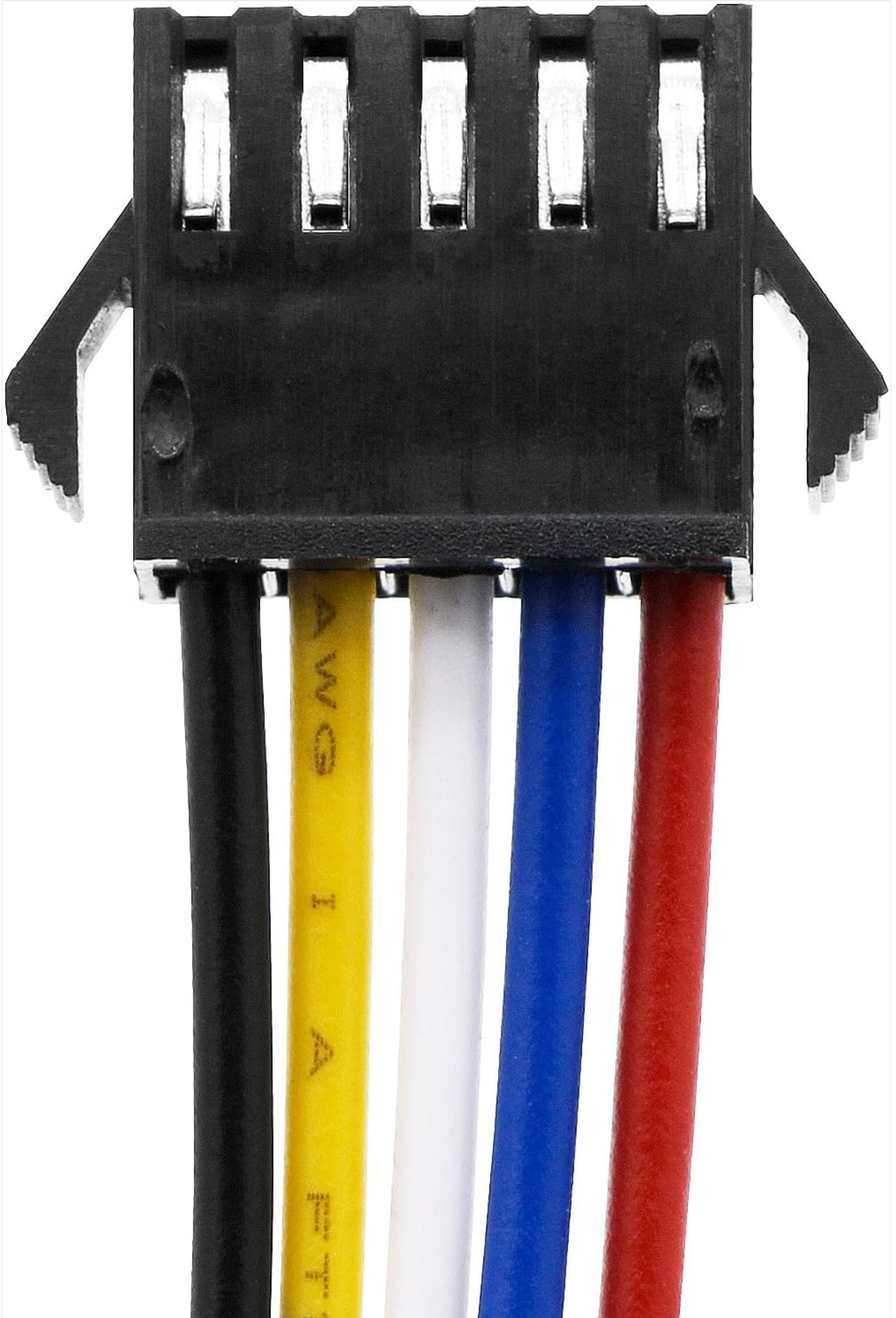
### 3. SETUP AND INSTALLATION

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This section guides you through the process of replacing the battery in your Ecovacs Winbot X series device.

1. **Power Off Device:** Ensure your Ecovacs Winbot X, WA30, or WA50 device is completely powered off and disconnected from any power source.
2. **Locate Battery Compartment:** Refer to your Winbot's original user manual to locate and open the battery compartment. This typically involves removing screws or clips.
3. **Remove Old Battery:** Carefully disconnect the old battery's connector from the device's port. Gently remove the old battery.
4. **Insert New Battery:** Place the VI VINTRONS replacement battery into the compartment, ensuring it fits securely.

5. **Connect Battery:** Align the connector of the new battery with the device's port and firmly push until it clicks into place. Ensure the connection is secure.



*Image 3: A close-up view of the battery's connector, highlighting the multi-colored wires and pin configuration for proper connection.*

6. **Close Compartment:** Securely close the battery compartment, reattaching any screws or clips.
7. **Initial Charge:** Connect your Winbot device to its charger and allow the new battery to fully charge before its first use.

## 4. OPERATING INSTRUCTIONS

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Once the battery is installed, operate your Ecovacs Winbot X device as per its original manufacturer's instructions. This battery is designed to provide equivalent performance to the original.

### 4.1 Charging the Battery

- Always use the original charger provided with your Ecovacs Winbot device.
- Ensure the battery is fully charged before each use for optimal performance and lifespan.
- Avoid overcharging by disconnecting the device once charging is complete, if your device does not have automatic charge cut-off.

### 4.2 First Use

For the first use after installation, fully charge the battery. It may take a few charge/discharge cycles for the battery to reach its full capacity.

## 5. MAINTENANCE AND STORAGE

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### 5.1 Battery Care

- Keep the battery terminals clean and dry.
- Avoid exposing the battery to extreme temperatures, direct sunlight, or high humidity.
- Do not drop or subject the battery to strong impacts.

### 5.2 Storage

- If storing the battery for an extended period, charge it to approximately 50-70% capacity.
- Store the battery in a cool, dry place, away from direct sunlight and heat sources.
- Recharge the battery every 3-6 months during long-term storage to prevent deep discharge.

## 6. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Device does not power on after battery installation.	Battery not properly connected or not charged.	Ensure the battery connector is firmly seated. Charge the battery fully. Verify the battery is compatible with your device model.
Battery not charging.	Faulty charger, poor connection, or battery issue.	Check the charger and charging cable for damage. Ensure the charging port on the device is clean and free of debris. Confirm the battery is correctly installed.
Reduced operating time.	Battery not fully charged or reaching end of lifespan.	Ensure the battery is fully charged before use. If the battery is old, it may be time for a replacement.

## 7. SPECIFICATIONS

Feature	Detail
Battery Type	Lithium-ion (Li-ion)
Voltage	22.2V
Capacity	2600mAh / 57.72Wh
Dimensions	70.00 x 56.20 x 38.20mm
Compatible Models	Ecovacs WA30, WA50, Winbot X
Battery Part Numbers	10002221, S07-Li-222-3000
Manufacturer	VINTRONS

## 8. WARRANTY INFORMATION

For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact VI VINTRONS directly. Warranty coverage typically addresses manufacturing defects.

## 9. CUSTOMER SUPPORT

If you have any questions, require assistance, or need to report an issue, please contact the manufacturer:

**Manufacturer:** VINTRONS

Please visit the VI VINTRONS Store on Amazon for more information or to contact support.

