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› ANCBD Replacement Battery User Manual for Coredy G800, G850, R750-2200pa, Kyvol Cybovac E20, E30, E31 Robot Vacuum Cleaners

ANCBD CMICR18650F9M-4S1P

ANCBD Replacement Battery User Manual

For Coredy G800, G850, R750-2200pa, Kyvol Cybovac E20, E30, E31 Robot Vacuum Cleaners

1. INTRODUCTION

This manual provides essential information for the installation, usage, maintenance, and safety of your ANCBD 14.4V 3400mAh Li-ion replacement battery. Please read this manual thoroughly before installing or using the battery to ensure proper function and safety.

BATTERY PARAMETER



ELEMENT

Li-ion



VOLTAGE

14.4V



CAPACITY

3400mAh



This image displays the ANCBD replacement lithium-ion battery, featuring its blue casing, attached wiring, and connector. The label on the battery indicates its voltage, capacity, and model number.

2. SPECIFICATIONS

Specification	Value
Battery Voltage	14.4V
Battery Capacity	3400mAh
Battery Type	Lithium Ion (Li-ion)
Condition	New from Manufacturer, Grade A Cell
Model Number	CMICR18650F9M-4S1P
Approximate Dimensions	4.37 x 2.17 x 2.05 inches
Item Weight	7.5 ounces

PROFESSIONAL DESIGN PERFECT FOR YOUR MACHINE



This image illustrates the physical dimensions of the replacement battery, measuring approximately 2.7 inches in length and 1.4 inches in width and height. These measurements are crucial for verifying compatibility with the vacuum's battery compartment.

Integrated Protection Features

The battery incorporates multiple protection mechanisms to ensure safe and reliable operation:

- **Temperature Protection:** Prevents overheating.
- **Circuit Protection:** Safeguards against electrical faults.
- **Charging Protection:** Manages charging cycles to prevent overcharge.
- **Voltage Protection:** Maintains stable voltage output.

MULTIPLE PROTECTION PROGRAM



An infographic detailing the multiple protection features integrated into the battery, including temperature protection, circuit protection, charging protection, and voltage protection, designed to ensure safe operation and longevity.

3. COMPATIBILITY

This replacement battery is compatible with the following robot vacuum cleaner models:

- Coredy G800 Robot Vacuum Cleaner
- Coredy G850 Robot Vacuum Cleaner
- Coredy R750-2200pa Robot Vacuum Cleaner
- Kyvol Cybovac E20 Robot Vacuum Cleaner
- Kyvol Cybovac E30 Robot Vacuum Cleaner
- Kyvol Cybovac E31 Robot Vacuum Cleaner

EXCELLENT COMPATIBILITY

Can be used on a variety of machines



For Kyvol Cybovac E20



For Kyvol Cybovac E30



For Kyvol Cybovac E31



For Kyvol Cybovac L20

[And more models](#)

This graphic shows several robot vacuum cleaner models, including Kyvol Cybovac E20, E30, and E31, indicating their compatibility with this replacement battery. It helps users identify if their vacuum model is supported.

4. SAFETY INFORMATION

Observe the following safety precautions to prevent injury or damage:

- **Dry Location Use Only:** Use the battery only in dry environments.
- **Fire Hazard:** May explode if disposed of in fire. Do not expose to high temperatures.
- **Prevent Injury:** Carefully read your robot vacuum's user manual for specific battery handling instructions.
- **Avoid Disassembly:** Do not disassemble, crush, puncture, or short external contacts.
- **Contact with Metal:** Do not allow metal objects to contact battery terminals.
- **Charging:** Use only with the special charger provided with your robot vacuum or a compatible charger within the recommended temperature range of 50-104°F (10-40°C).
- **Disposal:** Dispose of batteries according to local regulations. Do not dispose of in household waste.

5. INSTALLATION GUIDE

Follow these general steps to replace the battery in your compatible robot vacuum cleaner. Refer to your specific robot vacuum's user manual for detailed instructions and diagrams.

1. **Power Off:** Ensure your robot vacuum cleaner is powered off and disconnected from its charging base or power adapter.
2. **Access Battery Compartment:** Locate the battery compartment, typically on the underside of the robot vacuum. You may need a screwdriver to open the cover.
3. **Remove Old Battery:** Carefully disconnect the old battery's connector from the vacuum's port. Remove the old battery from its compartment.
4. **Insert New Battery:** Place the new ANCBD replacement battery into the compartment, ensuring it fits correctly.
5. **Connect Battery:** Connect the new battery's connector to the corresponding port in the vacuum. Ensure a secure connection.
6. **Close Compartment:** Replace the battery compartment cover and secure it with screws if applicable.
7. **Initial Charge:** Place the robot vacuum on its charging base or connect it to the power adapter to begin the initial charge.

DETAIL

DECIDE ON THE PRODUCT



A detailed view of the battery's two-pin connector, showing the red and black wires. This connector ensures proper fit and power transfer to the robot vacuum cleaner.

6. USAGE AND CHARGING

To optimize battery performance and lifespan, follow these guidelines:

- **Initial Charging:** For new batteries, discharge the battery to approximately 5% (do not fully drain to 0%) before fully charging. Repeat this charge and discharge cycle 3-4 times to condition the new battery.

- **Regular Charging:** Avoid completely draining the battery before recharging.
- **Adapter Connection:** Do not leave the adapter connected for extended periods after the battery is fully charged, as this may negatively impact battery life.

7. MAINTENANCE AND STORAGE

Proper maintenance and storage can extend the life of your battery:

- **Regular Discharge/Charge:** Fully discharge and charge the battery every other month if not in regular use to maintain its health.
- **Storage:** If storing the battery for an extended period, ensure it is partially charged (around 50%) and stored in a cool, dry place away from direct sunlight and extreme temperatures. Do not store the battery for too long when not in use.
- **Avoid Physical Damage:** Do not subject the battery to human impact, disassembly, squeezing, or piercing.
- **Environmental Conditions:** Avoid using or storing batteries in environments with extremely high or low temperatures. Do not place them near ignition sources.

8. TROUBLESHOOTING

If you encounter issues with your replacement battery, consider the following general troubleshooting steps:

- **Battery Not Charging:**
 - Ensure the battery is correctly installed and its connector is securely attached.
 - Verify that the charging base or power adapter is functioning and properly connected to a power source.
 - Check for any obstructions or debris on the charging contacts of both the vacuum and the charging base.
- **Short Operating Time:**
 - Ensure the battery has completed the initial 3-4 full charge/discharge cycles to reach optimal capacity.
 - Confirm that the battery is being fully charged each time.
 - Environmental factors (e.g., thick carpets, frequent obstacles) can increase power consumption.
- **Vacuum Not Powering On:**
 - Check if the battery is properly installed and charged.
 - Ensure the vacuum's power button is pressed correctly.

If problems persist after attempting these steps, please contact ANCBD customer support.

9. WARRANTY AND SUPPORT

ANCBD provides comprehensive customer support and warranty for this product:

- **Refund Policy:** 30-day refund period from the date of purchase.
- **Warranty:** 24-month free warranty covering manufacturing defects.
- **Customer Service:** Friendly customer service representatives are available to respond to inquiries within 24 hours.

For any quality problems or support needs, please feel free to contact ANCBD customer service at any time.
We are committed to resolving any issues promptly.