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› [DFTIM](#) /

› DFTIM 6800mAh Battery for Xiaomi Mijia 1C Mi Vacuum Robot Mop Instruction Manual

DFTIM MIJIA 1C

DFTIM 6800mAh Lithium Ion Replacement Battery

INSTRUCTION MANUAL FOR XIAOMI MIJIA 1C MI VACUUM ROBOT MOP AND COMPATIBLE MODELS

1. Introduction

This manual provides essential information for the installation, operation, maintenance, and safety of your DFTIM 6800mAh Lithium Ion replacement battery. This battery is designed to be compatible with various Xiaomi, Mijia, and Dreame robot vacuum cleaner models. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. Product Compatibility

The DFTIM 6800mAh Lithium Ion battery is compatible with the following robot vacuum cleaner models:

- XIAOMI MIJIA 1C Mi Vacuum Robot Mop STYTJ01ZHM
- Xiaomi 1C Sweeping Vacuum Cleaner
- Mijia 1C Dreame MC1808 SKV4093GL STYTJ01ZHM XM2000021 Robot Roborock

DFTIM

LI-ION BATTERY

- Long life
- High security
- High quality



Figure 1: Visual representation of compatible robot vacuum models.

3. Specifications

Parameter	Value
Battery Type	Lithium Ion
Voltage	14.4V
Capacity	6800mAh / 97.92Wh
Battery Part Number	P1904-4S1P-MM
Estimated Runtime	≥60 minutes per charge
Package Dimensions	6.1 x 3.1 x 2.2 inches
Item Weight	1 pound



Figure 2: Battery label displaying model P2023-4S2P-GNBK, nominal voltage 14.4V, and rated capacity 6750mAh 74.88Wh. Note: The product is advertised as 6800mAh/97.92Wh. Serial number: P20082101050054801TW1.

4. Setup and Installation

Important: Before beginning installation, ensure your robot vacuum cleaner is powered off and disconnected from any charging source. Refer to your robot vacuum's original manual for specific battery compartment access instructions.

1. **Locate Battery Compartment:** Identify and open the battery compartment on your robot vacuum. This is typically on the underside of the device.
2. **Remove Old Battery:** Carefully disconnect the old battery's connector from the vacuum's port. Remove the old battery from its compartment.
3. **Inspect Connector:** Before installing the new DFTIM battery, visually inspect its connector to ensure it matches the port in your vacuum cleaner.
4. **Install New Battery:** Insert the new DFTIM battery into the compartment. Ensure it fits securely without forcing.
5. **Connect Battery:** Align the battery connector with the vacuum's port and firmly plug it in. Ensure a secure connection.
6. **Close Compartment:** Close the battery compartment cover securely.
7. **Initial Charge:** Place your robot vacuum on its charging dock to allow the new battery to fully charge before its first use.



Figure 3: The DFTIM replacement battery, highlighting its connector for proper installation.

POWERFUL DRIVE



Figure 4: The battery with common tools that may be required for installation.

5. Operating Instructions

Once the DFTIM battery is correctly installed and fully charged, your robot vacuum cleaner should operate as normal. Follow the operating instructions provided with your specific robot vacuum model for daily use, scheduling, and cleaning modes.

High quality battery

Bring the machine to life



Figure 5: The DFTIM battery ready to power a compatible robot vacuum.

6. Maintenance

To maximize the lifespan and performance of your DFTIM Lithium Ion battery:

- **Regular Charging:** Keep the robot vacuum on its charging dock when not in use to maintain optimal battery levels.
- **Avoid Extreme Temperatures:** Do not expose the battery or the vacuum to extreme heat or cold, as this can degrade battery performance and lifespan.
- **Avoid Deep Discharge:** While the battery has over-discharge protection, consistently allowing the battery to fully deplete before recharging can reduce its overall lifespan.
- **Storage:** If storing the battery or vacuum for an extended period, ensure the battery is charged to approximately 50-60% and stored in a cool, dry place.

7. Safety Information

The DFTIM Lithium Ion battery is manufactured with built-in protection features to ensure safe operation. However, it is crucial to adhere to general battery safety guidelines:

- **Do Not Disassemble:** Never attempt to open or disassemble the battery pack.
- **Avoid Physical Damage:** Do not puncture, drop, or subject the battery to strong impacts. If the battery appears damaged, discontinue use immediately.
- **Keep Dry:** Do not immerse the battery in water or expose it to excessive moisture.

- **Temperature Control:** Avoid exposing the battery to high temperatures (e.g., direct sunlight, near heat sources).
- **Proper Disposal:** Dispose of old or damaged batteries according to local regulations for lithium-ion batteries. Do not dispose of in household waste.

Built-in Protection Features:

- Output Short-Circuit Protection
- Charging Over-Temperature Protection
- Over Discharge Protection
- Charging Over-Current Protection
- Charging Over-Voltage Protection



Figure 6: Visual representation of the battery's multiple protection mechanisms.

8. Troubleshooting

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

- **Battery Not Charging:** Ensure the battery is correctly installed and the connector is firmly seated. Verify that the robot vacuum's charging dock is powered and functioning.
- **Short Runtime:** Ensure the battery has been fully charged. New batteries may require a few charge/discharge cycles to reach optimal performance.
- **Vacuum Not Powering On:** Double-check the battery installation and ensure the battery is charged. If the issue persists, it may indicate a problem with the vacuum itself or a faulty battery.

If troubleshooting steps do not resolve the issue, please contact customer support.

9. Warranty and Support

Your DFTIM battery comes with a **30-day refund policy** and a **12-month warranty**. For any questions, concerns, or warranty claims, please contact the seller directly through the platform where you made your purchase. Look for the 'Ask a question' option on the seller's store page.

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ASK A QUESTION ABOUT THIS MANUAL

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question