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FITHOOD CS-OMP130MD

FITHOOD Replacement Battery User Manual

Model: CS-OMP130MD

1. Introduction

This manual provides essential information for the safe and effective use of your FITHOOD replacement battery, model CS-OMP130MD. This battery is designed as a direct replacement for OMRON HBP-1300 and HBP-1300 blood pressure monitor batteries, specifically compatible with part numbers BAT-2000 and HXA-BAT-2000. Please read this manual thoroughly before installation and use.

2. Product Overview

The FITHOOD CS-OMP130MD is a high-quality Ni-MH replacement battery engineered to meet the power requirements of compatible OMRON blood pressure monitors. It offers reliable performance and is manufactured with adherence to quality standards.



Figure 2.1: Front view of the FITHOOD CS-OMP130MD replacement battery, showing model number, part numbers, voltage, capacity, and safety warnings.

Key Features:

- **Capacity:** 2000mAh / 7.20Wh
- **Type:** Ni-MH (Nickel-Metal Hydride)
- **Voltage:** 3.6V
- **Dimension:** 51.50 x 42.80 x 14.70mm
- **Compatibility:** Specifically designed for OMRON HBP-1300 and HBP-1300 blood pressure monitors.
- **Certifications:** RoHS approved (toxic-free), CE and ISO9001 certified for quality assurance.

3. Specifications

Attribute	Value
Model Number	CS-OMP130MD
Compatible Part Numbers	BAT-2000, HXA-BAT-2000
Battery Type	Ni-MH
Voltage	3.6V
Capacity	2000mAh / 7.20Wh
Dimensions (L x W x H)	51.50 x 42.80 x 14.70mm (2.03 x 1.69 x 0.58 inches)

Attribute	Value
Item Weight	2.82 ounces
Certifications	RoHS, CE, ISO9001

4. Setup and Installation

Before installing the new battery, ensure your OMRON blood pressure monitor is powered off and disconnected from any power source. Refer to your blood pressure monitor's original user manual for specific instructions on accessing and replacing its battery compartment.

Installation Steps:

1. **Power Off Device:** Ensure the blood pressure monitor is completely turned off and unplugged.
2. **Locate Battery Compartment:** Identify and open the battery compartment on your OMRON HBP-1300 monitor. This usually involves unscrewing a cover or releasing a latch.
3. **Remove Old Battery:** Carefully disconnect and remove the old battery. Note the orientation of the connector.
4. **Insert New Battery:** Connect the FITHOOD replacement battery (CS-OMP130MD) to the device's battery connector, ensuring the correct polarity. Gently place the battery into the compartment.
5. **Secure Compartment:** Close and secure the battery compartment cover.
6. **Initial Charge:** It is recommended to fully charge the new battery before its first use. Connect your blood pressure monitor to its power adapter and allow it to charge until the charging indicator shows a full charge.



Figure 4.1: Side view of the FITHOOD CS-OMP130MD battery, showing its compact form factor and connector cable.

Safety Precautions:

- Do not attempt to disassemble, open, or service the battery pack.
- Replace only with the battery pack designated for this product.

- Do not crush, puncture, short external contacts, or dispose of in fire or water.
- Do not store above 60°C (140°F).
- New battery pack must be fully charged before use.
- To reduce risk of fire or burns, read instructions in operating guide before using the battery.

5. Operating Instructions

Once installed and fully charged, the FITHOOD replacement battery operates seamlessly with your OMRON HBP-1300 blood pressure monitor, providing power for its normal functions. The battery's performance and lifespan are optimized through proper charging and discharge cycles.

Charging:

- Always use the original or a certified compatible charger provided with your OMRON blood pressure monitor.
- Avoid overcharging the battery. Most modern devices have built-in protection, but it's good practice to disconnect once fully charged.
- Charge the battery in a well-ventilated area, away from flammable materials.

Discharge:

- For optimal battery health, avoid completely draining the battery frequently.
- If the device indicates low battery, recharge it as soon as possible.



Figure 5.1: Angled view of the FITHOOD CS-OMP130MD battery, highlighting its compact design and label details.

6. Maintenance

Proper maintenance can extend the lifespan and performance of your FITHOOD replacement battery.

- **Storage:** If storing the battery for an extended period, ensure it is charged to about 50-70% capacity. Store in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Temperature:** Avoid exposing the battery to extreme heat or cold, as this can degrade performance and shorten lifespan. Do not store above 60°C (140°F).
- **Cleaning:** Keep the battery and its contacts clean and dry. Use a soft, dry cloth to wipe away any dust or debris.
- **Regular Use:** For optimal performance, use and recharge the battery regularly rather than letting it sit unused for long periods.

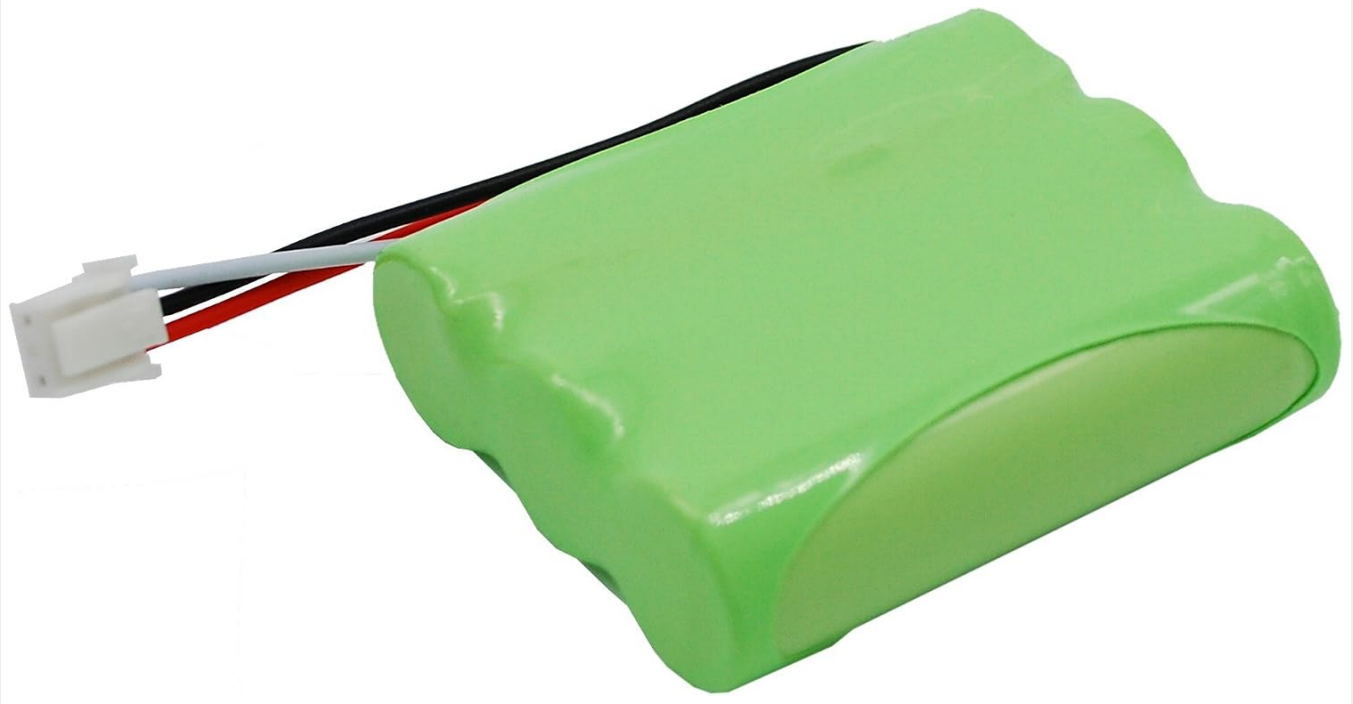


Figure 6.1: Bottom view of the FITHOOD CS-OMP130MD battery, showing its smooth casing.

7. Troubleshooting

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

- **Battery Not Charging:**
  - Ensure the battery is correctly installed and the connector is securely seated.
  - Verify that the charger and power outlet are functioning correctly.
  - Check if the blood pressure monitor's charging port is clean and free of debris.
- **Short Battery Life:**
  - Ensure the battery has been fully charged before use.
  - Review your device's usage patterns; heavy usage or frequent measurements can deplete the battery faster.
  - Extreme temperatures can affect battery performance. Ensure the device is used within recommended operating temperatures.
- **Device Not Powering On:**
  - Confirm the battery is fully charged.
  - Re-install the battery to ensure proper connection.
  - If possible, test the blood pressure monitor with its original power adapter (if applicable) to rule out a device

issue.

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

8. Warranty and Support

FITHOOD stands behind the quality of its products. We offer a one-month free replacement or full refund if any product problems arise. This warranty covers manufacturing defects and performance issues under normal use.

Customer Support:

For technical assistance, warranty claims, or any questions regarding your FITHOOD replacement battery, please contact the seller, Bomibattery, through the platform where you made your purchase. Provide your order details and a description of the issue for prompt assistance.
For general inquiries or to confirm compatible models, you may also send an email with your battery details or pictures to the manufacturer for professional suggestions, as indicated in the product description.
Compliance: This product is RoHS approved for toxic-free materials and holds CE and ISO9001 Certificates for quality assurance.

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