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FITHOOD CS-MTS600MD

FITHOOD Replacement Battery for Mindray BeneVision Medical Devices

Model: CS-MTS600MD

Introduction

This manual provides essential instructions for the safe and effective use of your FITHOOD CS-MTS600MD replacement battery. This battery is designed to provide reliable power for compatible Mindray BeneVision medical devices. Please read this manual thoroughly before installation and operation to ensure proper function and longevity of the battery.

Compatible Devices and Part Numbers

This replacement battery is compatible with the following Mindray BeneVision medical devices:

- BeneVision TD60
- BeneVision TMS60
- Telemetry Launcher
- TM80
- TMS-6016

It is also compatible with the following battery part numbers:

- 022-000196-00
- LI21I001B

Important: Always confirm the compatible model and battery part number of your device before installing a new battery.

Safety Information

Observe the following safety precautions to prevent damage to the battery, device, or personal injury:

- **Do not** attempt to disassemble, open, or service the battery pack.
- **Do not** crush, puncture, short external contacts, or dispose of the battery in fire or water.

- **Do not** store the battery above 60°C (140°F).
- Replace only with the battery pack designated for your specific product.
- Keep the battery away from children.
- Dispose of used batteries according to local regulations.

This battery is certified with ISO9001, RoHS, CE, UN38.3, and MSDS standards, ensuring quality and safety compliance.

Setup and Installation

Follow these general steps for installing the replacement battery. Always refer to your specific medical device's instruction manual for detailed battery replacement procedures.

1. **Power Off Device:** Ensure the medical device is completely powered off and disconnected from any external power sources.
2. **Locate Battery Compartment:** Identify and open the battery compartment on your Mindray BeneVision device.
3. **Remove Old Battery:** Carefully remove the old battery, noting its orientation.
4. **Insert New Battery:** Insert the FITHOOD CS-MTS600MD replacement battery into the compartment, ensuring it is correctly oriented and securely seated.
5. **Close Compartment:** Close and secure the battery compartment cover.
6. **Initial Charge:** A new battery pack must be fully charged before its first use. Connect your device to its charger and allow it to charge completely.



Image 1: Top view of the FITHOOD CS-MTS600MD replacement battery, displaying the product label with model number, part numbers, and electrical specifications.

Operating Instructions

Once installed and fully charged, the battery will power your medical device. Monitor the device's battery indicator to determine remaining charge.

- **Charging:** Use only the charger supplied with your Mindray BeneVision device. Overcharging or using incompatible chargers can damage the battery.
- **Discharge:** For optimal battery health, avoid completely draining the battery frequently. Recharge when the device indicates low battery.
- **Temperature:** Operate the device and battery within the recommended temperature range specified by your

medical device manufacturer.

Maintenance and Storage

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

- **Cleaning:** Keep battery contacts clean and free from dust or debris. Use a dry, soft cloth for cleaning.
- **Storage:** If storing the battery for an extended period, ensure it is charged to approximately 50-70% capacity. Store in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Avoid Full Discharge:** Do not leave the battery fully discharged for long periods, as this can lead to irreversible capacity loss.

Troubleshooting

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

- **Battery Not Charging:**
  - Ensure the battery is correctly seated in the device.
  - Verify the charger is properly connected to both the device and a power outlet.
  - Check if the charger or device has any visible damage.
- **Short Operating Time:**
  - Ensure the battery was fully charged before use.
  - Battery performance can degrade over time with extensive use.
  - Operating in extreme temperatures can affect battery life.
- **Device Not Powering On:**
  - Confirm the battery is fully charged and correctly installed.
  - Test the device with another known-good battery if available.

If issues persist, please contact the seller with your battery details or pictures for professional suggestions.

Specifications



Image 2: Bottom view of the FITHOOD CS-MTS600MD replacement battery, highlighting the electrical contacts for connection to the device.

Model Number	CS-MTS600MD
Brand	FITHOOD
Battery Type	Li-ion (Lithium Ion)
Capacity	3800mAh (14.44Wh)
Voltage	3.8V
Dimensions	74.3 x 58.1 x 15.58mm (2.93 x 2.29 x 0.61 inches)
Weight	100.0g (3.53 ounces)
Certifications	ISO9001, RoHS, CE, UN38.3, MSDS
Recommended Use	Medical Equipment

Warranty and Support

For warranty information, please refer to the terms provided by your point of purchase or contact the seller directly. If you require technical assistance or have questions regarding the battery, please send an email to the seller with details of your inquiry or pictures of the battery/device, and they will provide professional suggestions.

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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.

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