

DCH CS-MH6017BX

DCH CS-MH6017BX 3400mAh Battery Replacement Manual

For Pathfinder 6032, 603, 6039, 6057 Devices

Manufacturer: DCH | Model: CS-MH6017BX

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your DCH CS-MH6017BX 3400mAh Lithium-ion battery. This battery is designed as a replacement for specific Pathfinder devices. Please read this manual thoroughly before installation and use.

2. SAFETY INFORMATION AND WARNINGS

WARNING: Failure to follow these safety instructions may result in fire, electric shock, injury, or damage to the battery or device.

- **Do not attempt to disassemble, open, or service the battery pack.** This will void the warranty and may cause damage or injury.
- **Replace only with the battery pack designated for this product.** Using an incompatible battery may lead to hazards.
- **Do not crush, puncture, short external contacts, or dispose of in fire or water.** These actions can cause the battery to overheat, ignite, or explode.
- **Do not store above 60°C (140°F).** High temperatures can degrade battery performance and pose a safety risk.
- **New battery packs must be fully charged before use.** Refer to your device's manual for initial charging instructions.
- **Warranty void if label is removed.** Keep the product label intact.
- Read instructions in operating guide before using the battery.

For more information, you may visit the manufacturer's website: [Cameron Sino](#)

3. COMPATIBILITY

This DCH CS-MH6017BX battery is compatible with the following Pathfinder device models:

- Pathfinder 6032
- Pathfinder 603
- Pathfinder 6039
- Pathfinder 6057

Before purchase and installation, please ensure both the battery model number (CS-MH6017BX) and your device's model are matched to ensure proper fit and function. If unsure, consult your device's manual or contact support.

4. INSTALLATION (SETUP)

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

1. **Power Off Device:** Ensure your Pathfinder device is completely powered off and disconnected from any power source.
2. **Locate Battery Compartment:** Identify and open the battery compartment on your device. This may involve removing a cover or panel.
3. **Remove Old Battery:** Carefully remove the old battery. Note its orientation.
4. **Insert New Battery:** Insert the DCH CS-MH6017BX battery into the compartment, ensuring the contacts align correctly with the device's terminals. Do not force the battery.
5. **Secure Compartment:** Close and secure the battery compartment cover.
6. **Initial Charge:** Connect your device to its charger and allow the new battery to fully charge before its first use.



Figure 1: Top view of the DCH CS-MH6017BX battery, showing the model number and specifications label.

5. OPERATION

Once installed and fully charged, the battery will power your Pathfinder device. The operational characteristics are largely determined by the device itself. For specific usage instructions, refer to your Pathfinder device's user manual.

- **Charging:** Always use the charger supplied with your Pathfinder device or a compatible charger recommended by the device manufacturer.
- **Discharging:** The battery will discharge during device use. Recharge the battery when the device indicates a low power level.
- **First Use:** It is recommended to fully charge the battery before its first use to optimize battery life and performance.



Figure 2: Angled view of the DCH CS-MH6017BX battery, highlighting the contact points and part of the label.

6. MAINTENANCE

Proper maintenance can extend the lifespan of your battery.

- **Storage:** If storing the battery for an extended period, store it in a cool, dry place, ideally at about 50% charge. Avoid extreme temperatures.
- **Cleaning:** Keep the battery contacts clean and free of debris. Use a dry, soft cloth if cleaning is necessary.
- **Avoid Deep Discharge:** While Li-ion batteries do not suffer from memory effect, avoiding frequent deep discharges can help maintain overall capacity over time.
- **Disposal:** Do not dispose of batteries in household waste. Follow local regulations for proper recycling of lithium-ion batteries.

7. TROUBLESHOOTING

If you encounter issues with your DCH CS-MH6017BX battery, consider the following common solutions:

- **Battery Not Charging:**
 - Ensure the battery is correctly seated in the device.
 - Verify the charger and charging cable are functioning correctly and securely connected.

- Check if the device's charging port is clean and free of obstructions.
 - Try charging with a different compatible charger if available.
- **Short Battery Life:**
 - Ensure the battery has been fully charged.
 - Check for excessive background applications or high power consumption settings on your device.
 - Battery capacity naturally degrades over time with usage cycles. If the battery is old, replacement may be necessary.
- **Device Not Powering On:**
 - Confirm the battery is fully charged and correctly installed.
 - Ensure the device itself is not faulty. Try powering on with a known working battery if possible.

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



Figure 3: Close-up view of the DCH CS-MH6017BX battery label, showing detailed specifications and safety warnings.

8. SPECIFICATIONS

Feature	Detail
Model Number	CS-MH6017BX
Battery Type	Lithium-ion (Li-ion)
Capacity	3400mAh
Watt-hours (Wh)	25.16Wh
Voltage	7.4V
Dimensions (L x W x H)	70.1 x 40.38 x 23.1 mm (2.76 x 1.59 x 0.91 inches)
Weight	176.6g (6.2 ounces)
Manufacturer	DCH (Manufactured by Shenzhen Henzens Technology Co., Limited)

9. WARRANTY AND SUPPORT

The warranty for this battery is void if the product label is removed. For any questions or concerns regarding your DCH CS-MH6017BX battery, please feel free to contact us. We are committed to providing professional pre-sales and after-sales service.

For support inquiries, please refer to the contact information provided at the point of purchase or on the product packaging.