

Thor 5

Zeblaze Thor 5 Smartwatch Replacement Battery User Manual

Model: Thor 5 (800mAh Li-ion Polymer)

1. INTRODUCTION

This manual provides essential instructions for the safe and effective installation, use, and maintenance of your new 800mAh Li-ion Polymer replacement battery for the Zeblaze Thor 5 smartwatch. Please read this manual thoroughly before proceeding with battery replacement.

2. PRODUCT OVERVIEW

This replacement battery is specifically designed for the Zeblaze Thor 5 smartwatch. It is an 800mAh, 0-cycle Li-ion Polymer cell, engineered for high energy density and a long cycle life. The battery incorporates multiple safety features to ensure reliable operation.

Key Features:

- **High Capacity:** 800mAh for extended usage.
- **0-Cycle Product:** Ensures a fresh battery with full lifespan potential.
- **Safety Mechanisms:** Equipped with insulating separators and IC smart chips for overcharge, over-discharge, short-circuit protection, and thermal management. Operates safely between -20°C to 60°C.
- **Durability:** A-class lithium-ion/polymer cells designed to retain up to 80% capacity after 800-1000 full charge cycles.
- **Fast Charging:** Intelligent charging technology optimizes current for up to 30% faster charging and automatic power cut-off upon full charge to prevent swelling.



Image 1: The 800mAh Li-ion Polymer replacement battery for Zeblaze Thor 5 smartwatch. This image displays the compact design of the battery cell.



Image 2: Diagram illustrating the internal intelligent IC chip and protection circuit of the battery, highlighting over-voltage protection and real-time temperature monitoring.

Short Circuit Protection

4 memory metal fuse, self repair automatic when normal temperature, no short circuit, no fire, no blast. safe and security.

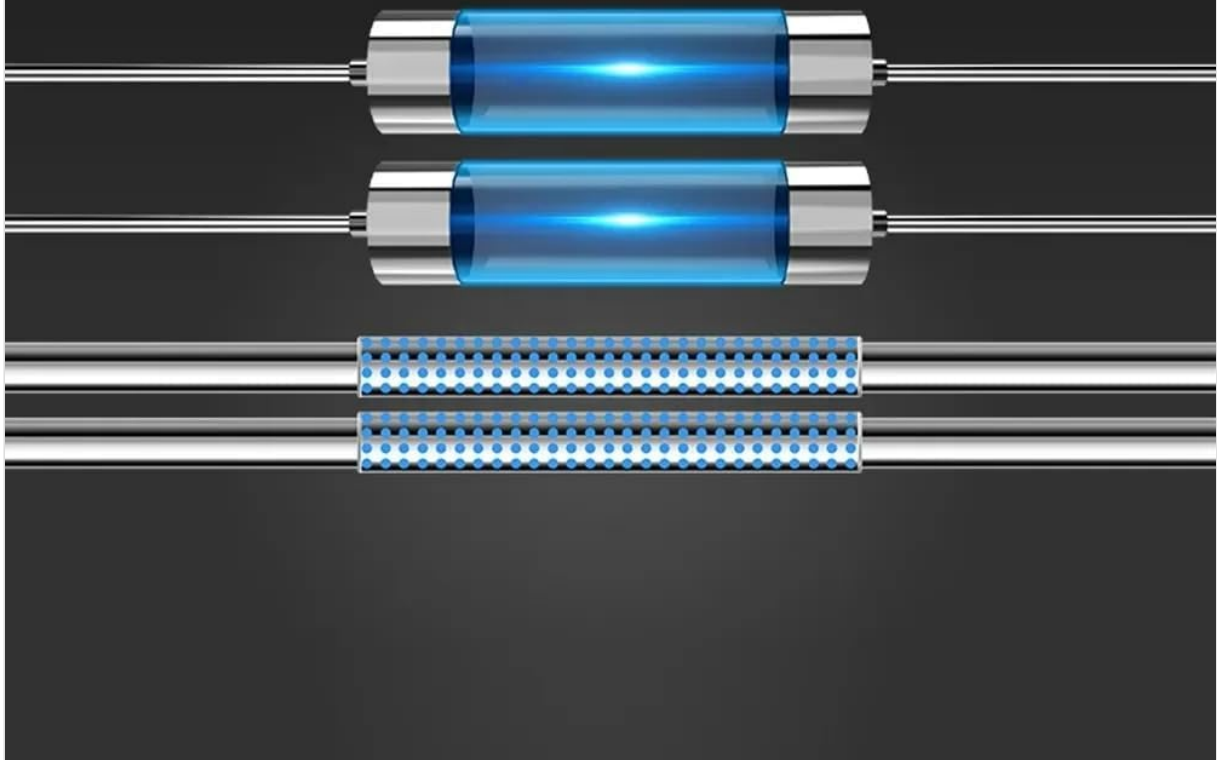


Image 3: Visual representation of the short circuit protection mechanism, featuring memory metal fuses designed for self-repair at normal temperatures to prevent short circuits, fire, or explosions.

Performance improvement

Double Li-ion for KiKiss battery than other's single Li-ion battery, means higher conversion ,faster charging speed, Longer usage time.....

30%
faster charging speed

95%
high conversion

2 times
usage time

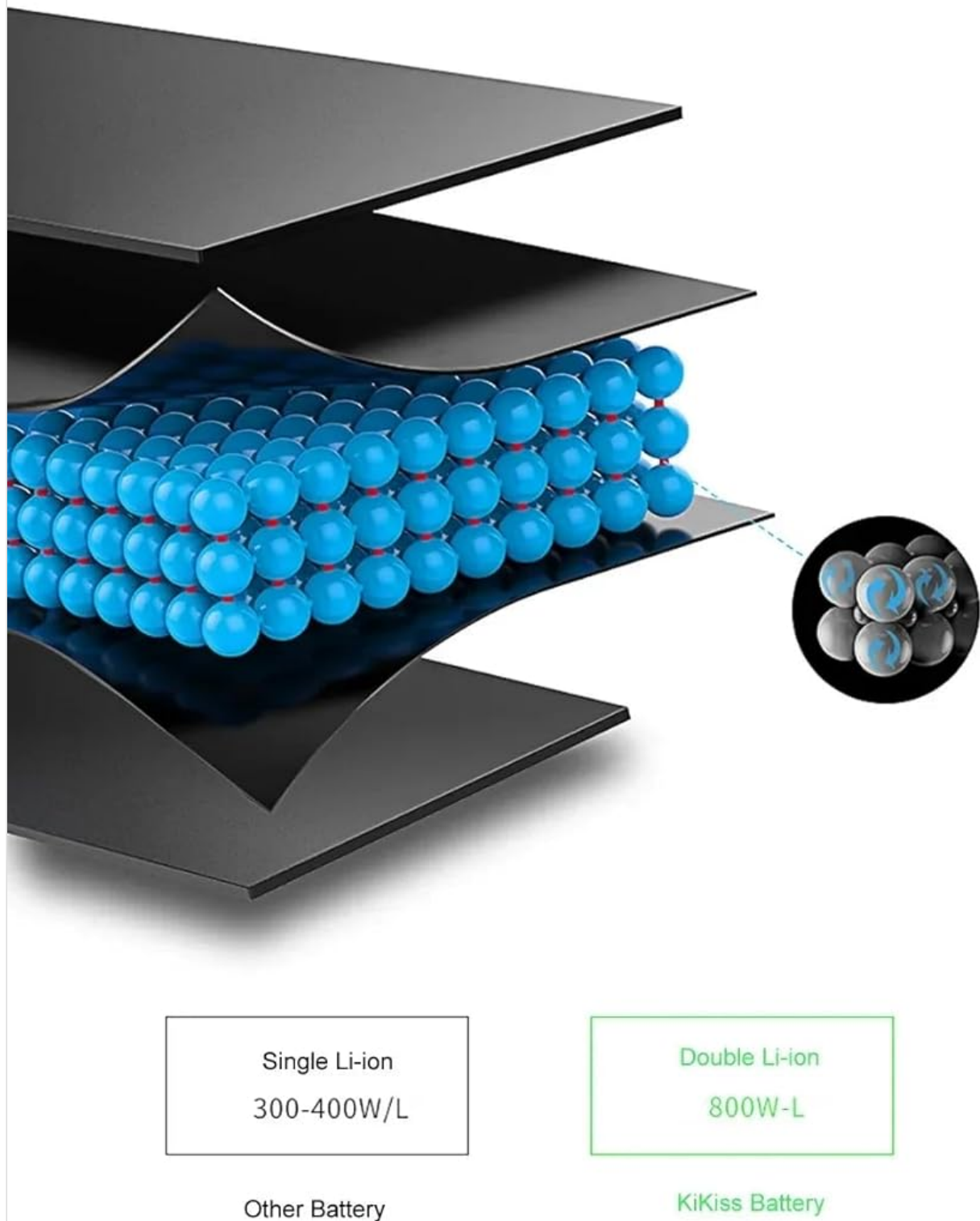


Image 4: Infographic demonstrating performance improvements with double Li-ion technology, indicating 30% faster charging speed, 95% high conversion rate, and 2 times longer usage time compared to single Li-ion batteries.

3. SETUP AND INSTALLATION

Replacing a smartwatch battery requires careful handling and appropriate tools. It is recommended that this procedure be performed by individuals with experience in electronics repair to avoid damage to the device or injury.

3.1 Required Tools:

A tool kit is typically included with the replacement battery to assist with the installation process. This kit usually contains specialized screwdrivers, prying tools, and suction cups.



Image 5: An example of a repair tool kit, typically including screwdrivers, prying tools, and suction cups, essential for safely opening and servicing small electronic devices like smartwatches.

3.2 Installation Steps (General Guidance):

1. **Power Off Device:** Ensure your Zeblaze Thor 5 smartwatch is completely powered off before beginning.
2. **Disassembly:** Carefully open the smartwatch casing using the provided tools. Refer to specific disassembly guides for the Zeblaze Thor 5 model if available, as procedures can vary.
3. **Disconnect Old Battery:** Gently disconnect the old battery connector from the smartwatch's mainboard. Avoid pulling on the wires.
4. **Remove Old Battery:** Carefully remove the old battery. It may be secured with adhesive.
5. **Install New Battery:** Place the new replacement battery into position and connect its connector to the mainboard.
6. **Reassembly:** Carefully reassemble the smartwatch casing, ensuring all components are properly

seated and secured.

3.3 Initial Battery Activation:

After replacing the battery, follow these steps to activate its properties for optimal performance:

1. **Full Discharge:** Use the smartwatch until the battery is completely depleted and the device powers off.
2. **First Charge:** Connect the smartwatch to its original charger and charge it continuously for 8 hours, even if the device indicates a full charge sooner.
3. **Cycle Repetition:** Repeat the full discharge and 8-hour charge cycle 3-5 times. This process helps to calibrate the new battery and achieve its best use effect.

4. OPERATING GUIDELINES

Proper charging practices are crucial for the longevity and safety of your battery.

- **Use Original Charger:** Always use the original charger and data cable provided with your Zeblaze Thor 5 smartwatch. Using inferior or incompatible chargers can damage the battery and compromise safety.
- **Optimal Charging Range:** For best battery health, it is recommended to keep the battery level within the range of 20% to 80%. Avoid consistently depleting the battery to 0% or charging it to 100% for extended periods.
- **Avoid Simultaneous Use:** Do not use your smartwatch or other devices while charging. This can lead to increased heat, reduced battery life, and potential safety risks.
- **Automatic Cut-off:** The battery features intelligent fast charging technology that automatically cuts off power when fully charged to prevent overcharging and swelling.

5. MAINTENANCE AND BATTERY LIFE EXTENSION

Follow these suggestions to maximize the lifespan and performance of your battery:

- **Prevent Over-Discharge:** Do not allow the battery to over-discharge or remain idle for long periods at very low charge levels, as this can lead to expansion.
- **Regular Charging:** If the battery level drops below 20%, charge it promptly. Avoid keeping the battery in a low state for extended durations.
- **Temperature Control:** Avoid exposing the battery to extremely low temperatures, as this can cause battery swelling or damage.
- **Charger Quality:** Only use high-quality, compatible chargers. Inferior chargers can harm the battery.
- **Remove from Charger:** Do not leave the battery connected to the charger for excessively long periods after it has reached full charge.
- **No Disassembly:** Do not attempt to disassemble or modify the battery structure.
- **Maintain Label Integrity:** Do not tear off the battery label, as it contains important safety and product information.

6. SAFETY INFORMATION AND WARNINGS

Your battery is equipped with multiple safety features, but adherence to these warnings is crucial for preventing hazards:

- **Do Not Open/Disassemble:** Never attempt to open, disassemble, or service the battery yourself. This can lead to short circuits, fire, or explosion.

- **Temperature Exposure:** Do not expose the battery to temperatures above 60°C (140°F). High temperatures can cause the battery to swell, leak, or explode.
- **Disposal:** Recycle or dispose of the battery properly according to local regulations. Do not dispose of it in household waste or by incineration.
- **Impact:** Avoid dropping or subjecting the battery to severe impacts.
- **Puncture:** Do not puncture the battery with any sharp objects.



Image 6: Close-up of the battery label, displaying critical safety warnings regarding disassembly, temperature exposure limits (above 60°C / 140°F), and proper recycling/disposal instructions.

7. TROUBLESHOOTING

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

- **Device Not Powering On:** Double-check all connections to ensure the battery is correctly seated and

connected to the smartwatch's mainboard. Ensure the battery has undergone the initial activation cycles.

- **Battery Not Charging:** Verify that you are using the original charger and cable. Inspect the charging port of the smartwatch for any debris or damage. Ensure the battery is properly connected internally.
- **Poor Battery Life:** Confirm that the initial activation cycles (full discharge and 8-hour charge 3-5 times) have been completed. Review the operating and maintenance guidelines to ensure proper usage habits.
- **Swelling or Overheating:** If the battery shows signs of swelling, emits an unusual odor, or becomes excessively hot during charging or use, immediately discontinue use, disconnect from power, and seek professional assistance. Do not attempt to repair or use the battery.

If problems persist after following these steps, it is recommended to consult a qualified technician or contact the product supplier for further assistance.

8. SPECIFICATIONS

Feature	Specification
Battery Model	Thor 5 (Only cell, without cable and PC)
Compatible Products	Zeblaze Thor 5
Battery Capacity	800 Milliamp Hours (mAh)
Battery Cell Composition	Lithium Polymer
Item Weight	2.82 ounces
Package Dimensions	3.94 x 3.94 x 1.57 inches
Recommended Uses For Product	Phone (Smartwatch)
Manufacturer	Changsha Changsheng Electronic Technology Co.,Ltd

9. WARRANTY AND SUPPORT

Information regarding specific warranty terms or direct customer support channels for this product is not provided in the available data. Please refer to the seller or manufacturer's official website for warranty details and support contact information.