

HW TH-ICR524C

HW USB Rechargeable AA Batteries (Model TH-ICR524C) Instruction Manual

Model: TH-ICR524C

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your HW USB Rechargeable AA Batteries. These lithium-ion batteries offer a constant 1.5V output, fast charging via Type-C, and are designed for high-performance devices. Please read this manual thoroughly before first use and retain it for future reference.



2. IMPORTANT SAFETY INFORMATION

To prevent injury, property damage, or damage to the batteries, always observe the following safety precautions:

- Do not disassemble, crush, puncture, or short-circuit the batteries.
- Do not expose batteries to fire, high temperatures (above 60°C / 140°F), or direct sunlight.
- Do not immerse batteries in water or other liquids.
- Keep batteries out of reach of children and pets.
- Use only the provided Type-C charging cable or a compatible USB-C cable for charging.
- Do not use batteries if they show signs of damage, swelling, leakage, or discoloration.
- Dispose of used batteries according to local regulations for lithium-ion batteries.
- The batteries feature multiple built-in protections including over-charging, over-discharging, over-voltage, over-temperature, over-current, short circuit, and undervoltage protection. However, proper handling is still essential.

Super Self-protective



Over-Charging



over-Dispersion



Over-Voltage



over-Current



short Circuit



over-Temperature



undervoltage

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 4 x HW USB Rechargeable AA Batteries (Model TH-ICR524C)
- 1 x Multi-headed USB-C Charging Cable

4. SETUP

Before first use, it is recommended to fully charge the batteries.

1. Locate the Type-C charging port on each battery.
2. Connect the provided multi-headed USB-C charging cable to the Type-C port on each battery.
3. Plug the USB-A end of the charging cable into a compatible USB power source (e.g., computer USB port, USB wall adapter, power bank, car charger).
4. The LED indicator on the battery will flash green during charging. Once fully charged, the LED will turn solid green.



Image 3: Convenient USB charging options.

5. OPERATING INSTRUCTIONS

5.1 Charging the Batteries

The HW USB Rechargeable AA Batteries feature a direct Type-C charging port, eliminating the need for a separate charger.

- **Charging Time:** A full charge typically takes approximately 1.5 hours.
- **LED Indicator:**
 - Green light flashing: Battery is currently charging.
 - Green light solid: Battery is fully charged.



Image 4: Battery charging status indicated by LED lights.

Your browser does not support the video tag.

Video 1: Demonstration of USB-C charging for HW AA batteries, showing the green LED indicator during charging.

5.2 Using the Batteries

These batteries provide a stable 1.5V output, making them suitable for a wide range of devices.

- Insert the batteries into your device according to the correct polarity (+/-).
- The constant 1.5V output ensures consistent performance, even in high-drain devices.
- Suitable applications include: remote controls, alarm clocks, toy vehicles, electric toothbrushes, calculators, digital cameras, flashlights, and other high-power demand devices.

Universal compatibility

Supports most digital products with high capacity and longer lifespan



Image 5: Universal compatibility of HW rechargeable AA batteries.

1.5V Constant Output

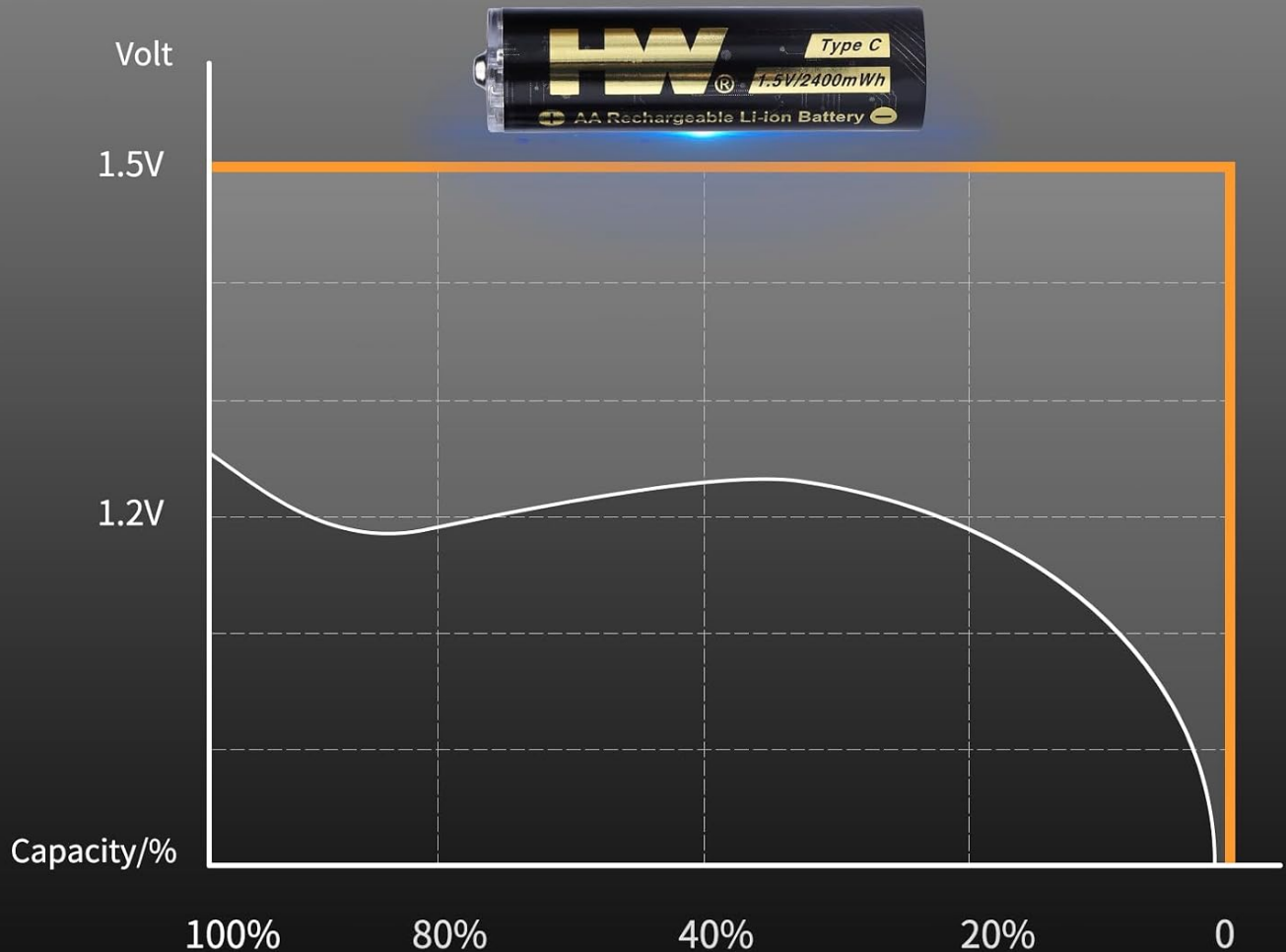


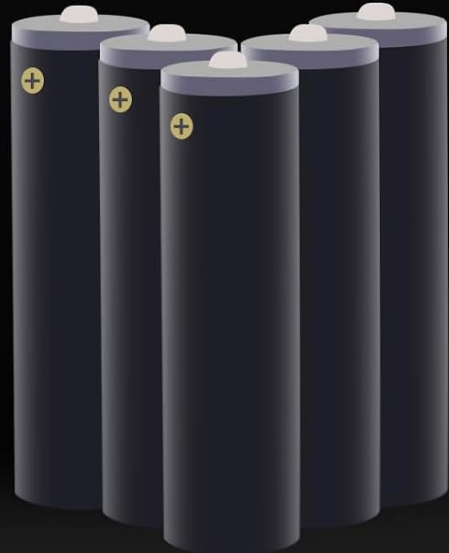
Image 6: Constant 1.5V output performance.

6. MAINTENANCE

- **Storage:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- **Lifespan:** These batteries are designed for over 1000 charge cycles, offering long-term use and reducing waste.
- **Cleaning:** If necessary, gently wipe the battery contacts with a clean, dry cloth.
- **Environmental Impact:** Using rechargeable batteries helps reduce the environmental impact of disposable batteries.

Over 1000 Cycles

Our rechargeable batteries can be charged 1000 times, reduce huge of one time used batteries



rechargeable battery

1000 pcs alkaline battery



SAFE



EASY



NO WASTE



FRESH

Image 7: Long lifespan and environmental benefits.



Type-C USB Charge



1.5H Fully Charged



2400mWh Lithium Battery



1.5V Constant Volt



LED Indicator



Built-in Smart Chip

Image 8: Key features of HW rechargeable batteries.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging (LED not flashing green)	- Loose cable connection. - Faulty USB power source. - Damaged charging cable. - Battery fully charged (LED solid green).	- Ensure the Type-C cable is securely connected to both the battery and the power source. - Try a different USB power source. - Try a different USB-C charging cable. - If the LED is solid green, the battery is fully charged.
Battery not powering device	- Battery is depleted. - Incorrect battery polarity. - Device malfunction.	- Recharge the battery. - Check and correct the battery orientation in the device. - Test the device with known working batteries.
Battery gets unusually hot during charging or use	- Overload or short circuit. - Internal battery issue.	- Immediately disconnect the battery from the charger or device. - Discontinue use and contact customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	TH-ICR524C
Battery Type	Lithium Ion (Li-ion)
Battery Size	AA
Voltage Output	Constant 1.5V
Capacity	2400mWh (equivalent to 1600mAh)
Charging Port	USB Type-C
Charging Time	Approx. 1.5 hours (Fast Charge)
Cycle Life	Over 1000 cycles
Item Weight	2.47 ounces (for the pack)
Package Dimensions	3.62 x 2.68 x 0.87 inches

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact the manufacturer directly through their official website or the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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