

Hixon J816

Hixon AAA Li-ion Rechargeable Battery and Fast Charger User Manual

Model: J816

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your Hixon 1.5V 1100mWh AAA Li-ion rechargeable batteries and the accompanying 4-slot fast charger. Please read this manual thoroughly before use and retain it for future reference.

2. PACKAGE CONTENTS

Upon opening the package, please verify that all items are present and undamaged:

- 1 x Hixon 4-Slot Fast Charger
- 4 x Hixon 1.5V 1100mWh AAA Li-ion Rechargeable Batteries
- 1 x USB Charging Cable
- 1 x User Manual

3. SETUP AND INITIAL CHARGING

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

1. **Connect the Charger:** Plug the provided USB charging cable into the charger and connect the other end to a compatible USB power source (e.g., a USB wall adapter, computer USB port).
2. **Insert Batteries:** Carefully insert the Hixon AAA Li-ion batteries into the charger slots, ensuring the positive (+) and negative (-) terminals align correctly with the markings on the charger.
3. **Monitor Charging:** The charger features indicator lights for each slot. A red light typically indicates charging in progress, while a green light indicates that the battery is fully charged.
4. **Charging Time:** A full charge typically takes approximately 2 hours.



Image: The Hixon 4-slot fast charger with four AAA Li-ion batteries. Red and green indicator lights show the charging status of each battery.

4. OPERATING INSTRUCTIONS

These Hixon AAA Li-ion batteries are designed for a wide range of electronic devices.

1. **Battery Insertion:** Insert the charged batteries into your electronic device, ensuring correct polarity (+ and -).
2. **Device Compatibility:** These 1.5V 1100mWh AAA Li-ion batteries are suitable for high-performance electrical devices, including smart devices, outdoor monitoring systems, wireless cameras, insulin pumps, Xbox controllers, toys, remote controls, and portable audio players.
3. **Consistent Voltage Output:** The advanced internal circuit provides a stable 1.5V output from 100% down to 0% electrical power, ensuring consistent performance in high-current and high-voltage devices.

Performance AAA Batteries

Widely used in multiple electronic device



Image: Hixon AAA batteries shown with a remote control and icons representing common compatible devices such as microphones, flashlights, and wireless cameras.

5. MAINTENANCE AND CARE

Proper maintenance extends the lifespan and ensures optimal performance of your Hixon batteries.

- **Recharge Cycles:** The batteries are designed for approximately 1200 recharge cycles.
- **Storage:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures (operating temperature: 0 ~ 40 °C).
- **Cleaning:** If necessary, gently wipe the battery terminals and charger contacts with a clean, dry cloth. Do not use liquids or abrasive cleaners.
- **Environmental Responsibility:** These rechargeable batteries do not contain lead or mercury, contributing to reduced environmental impact compared to disposable batteries. Please dispose of them responsibly at designated recycling points.

Rechargeable 1500 Times

Rechargeable batteries can recharge 1500 times
no need to buy one time use batteries



Image: An illustration highlighting the long cycle life of Hixon rechargeable batteries, capable of 1500 recharges, and their eco-friendly composition free of harmful heavy metals.

6. TROUBLESHOOTING

If you encounter issues with your Hixon batteries or charger, refer to the following common problems and solutions:

- **Battery Not Charging:**
 - Ensure the USB cable is securely connected to both the charger and the power source.
 - Verify that the batteries are inserted with correct polarity.
 - Check if the power source is functional.
 - Clean battery contacts and charger terminals if dirty.
- **Device Not Powering On with Charged Battery:**
 - Confirm the battery is fully charged (green indicator on charger).
 - Check the device's battery compartment for correct polarity and clean contacts.
 - Test the device with another known-good battery if available.
- **Reduced Performance:**
 - While Hixon batteries offer consistent 1.5V output, performance can degrade over many

cycles. Consider replacing batteries after approximately 1200 cycles.

- Ensure the device itself is functioning correctly.

Safety Features: The batteries incorporate a Seiko IC for superior safety, providing protection against over-current, over-temperature, over-voltage, and short circuits. This helps prevent damage to both the batteries and your devices.

Superior Safety

Seiko IC imported from Japan, better controlling of overcharge, over-discharge and short circuit.



Image: An exploded diagram illustrating the internal safety features of the Hixon battery, including protections against over-current, over-temperature, over-voltage, and improper charging.

7. SPECIFICATIONS

Brand	Hixon
Model	J816
Battery Type	AAA Li-ion Rechargeable
Voltage	1.5V (Constant Output)
Capacity	1100mWh
Recharge Cycles	Up to 1200 cycles

Charging Time	Approx. 2 hours (with Hixon fast charger)
Operating Temperature	0 ~ 40 °C
Certifications	CE, RoHS
Environmental Features	Lead-free, Mercury-free

Consistent Voltage Output at 1.5V

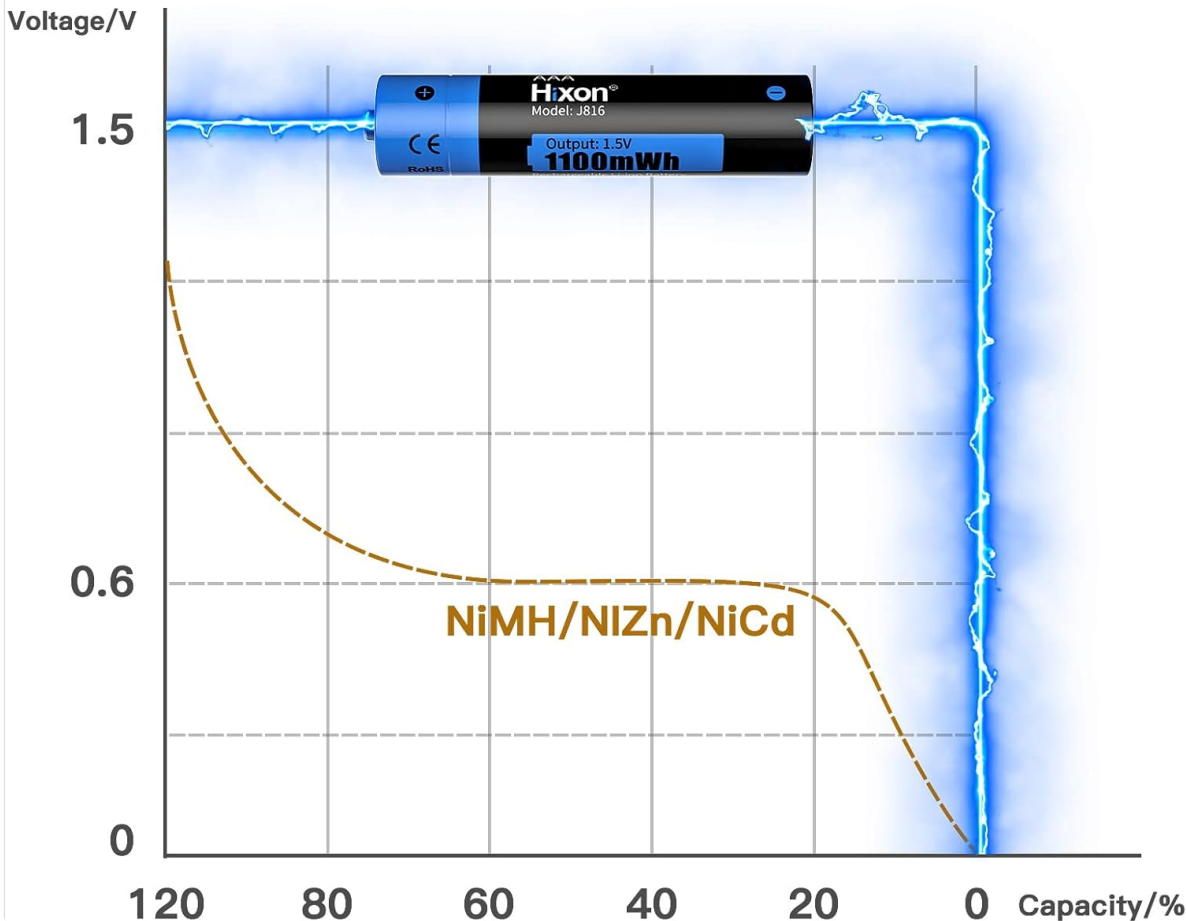


Image: A graph illustrating the consistent 1.5V voltage output of Hixon Li-ion batteries throughout their discharge cycle, contrasting with the declining voltage of traditional NiMH/NiZn/NiCd batteries.

Low Self Discharge

1100 mWh AAA Rechargeable Lithium-ion Batteries



Other AAA Rechargeable batteries



Image: An infographic demonstrating the low self-discharge rate of Hixon AAA Li-ion batteries, showing minimal capacity loss over several years compared to other rechargeable batteries.

8. WARRANTY AND SUPPORT

Hixon provides the following support for this product:

- **Refund Policy:** 60-day refund period from the date of purchase.
- **Replacement Policy:** 12-month free replacement for manufacturing defects.

For any questions, concerns, or warranty claims, please contact Hixon customer support through your retailer or the official Hixon website. Please have your purchase details and product model (J816) available when contacting support.