

Hixon J818

Hixon AA Rechargeable Batteries with Charger (Model J818)

User Instruction Manual

INTRODUCTION

Thank you for choosing Hixon AA Rechargeable Batteries with Charger. This manual provides essential information for the safe and efficient use of your new battery system. Our 3500mWh lithium-ion batteries are designed to deliver a constant 1.5V output, offering high capacity and up to 1600 recharge cycles for a wide range of electronic devices.



The Hixon AA rechargeable battery set includes four 3500mWh lithium-ion batteries and a dedicated white charging unit.

1. SETUP

1.1 Package Contents

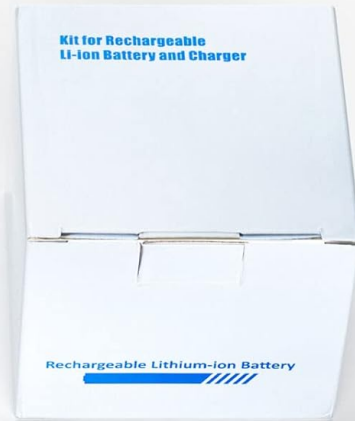
- 4 x Hixon J818 Lithium AA Batteries
- 1 x Hixon Q022 White AA/AAA Battery Charger
- 1 x Type-C Charging Cable
- 1 x 4-Slot Battery Storage Case



Charging Cable



User Manual



Outer packaging



USB Charger



**4 x Lithium
Rechargeable Battery
1 x 4-Slot Battery Storage Case**

The complete Hixon kit includes four J818 blue set lithium AA batteries, one Q022 model white AA/AAA battery charger, one Type-C charging cable, and a 4-slot battery storage case.

1.2 Charger Connection

1. Connect the provided Type-C charging cable to the input port on the back of the Hixon Q022 charger.
2. Connect the other end of the Type-C cable to a compatible USB power adapter (DC 5V/2A recommended, adapter not included).

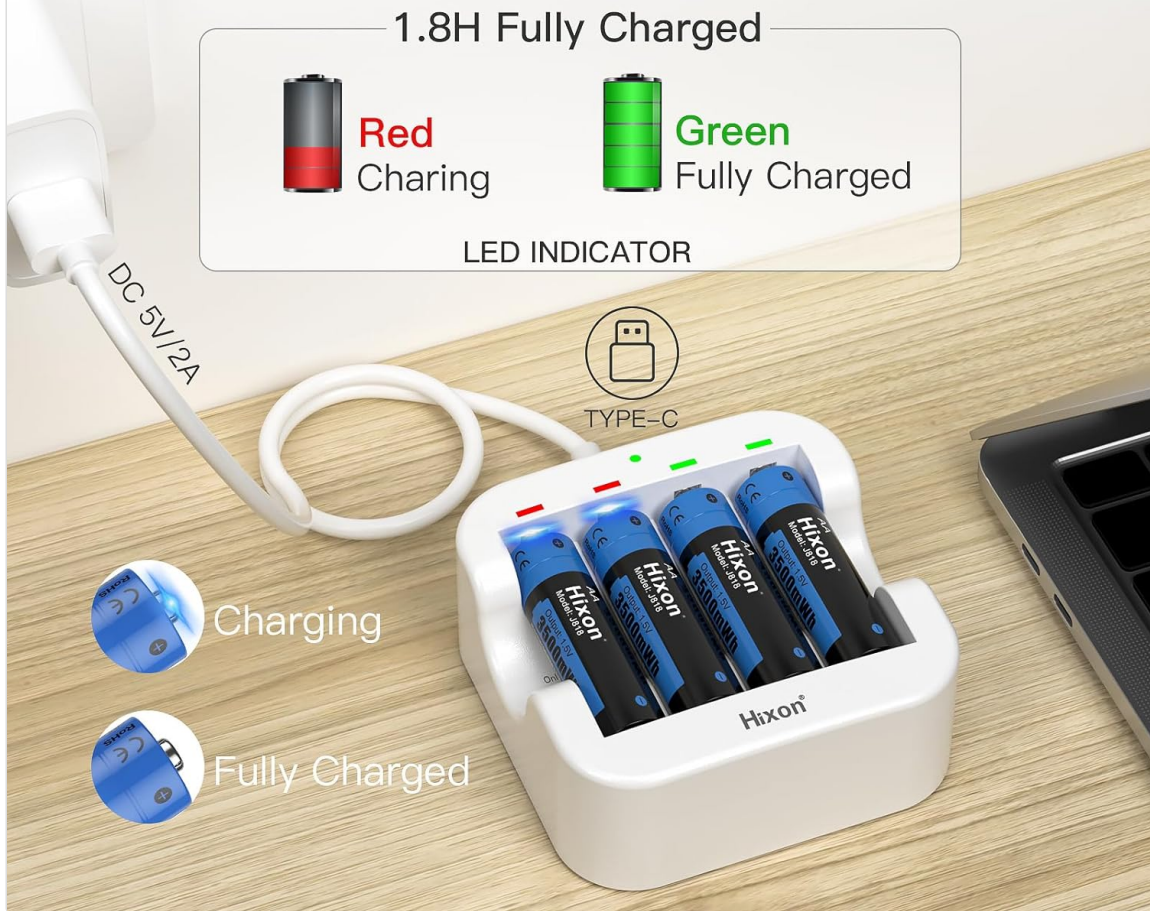
1.3 Battery Insertion

1. Ensure the batteries are inserted with the correct polarity (+ and - ends matching the charger's markings).
2. Gently slide the batteries into the individual charging slots.

This video demonstrates the correct installation of Hixon AA batteries into the charger, highlighting the importance of proper polarity and the visual indicators for charging status.

Smart Charger with 4 Independent Slot

Can Charge for 1–4 Count of Hixon Lithium AA or AAA Batteries



The smart charger features independent slots for 1-4 AA or AAA Hixon lithium batteries, with LED indicators showing red for charging and green for fully charged. It connects via a Type-C DC 5V/2A input.

2. OPERATING INSTRUCTIONS

2.1 Charging Process

- When batteries are correctly inserted and the charger is powered, the LED indicator above each slot will illuminate **RED**, indicating that charging is in progress.
- Once a battery is fully charged, its corresponding LED indicator will turn **GREEN**.
- If an error occurs (e.g., incorrect battery type, damaged battery), the LED may flash **RED**.

2.2 Charging Time

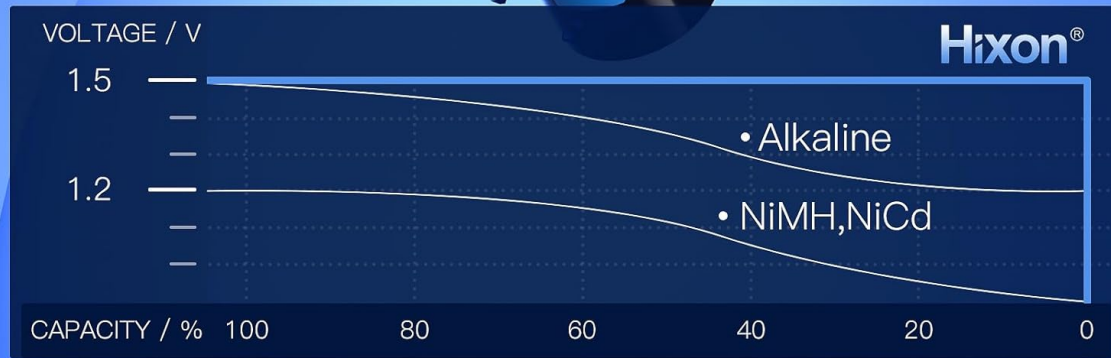
Hixon AA lithium batteries typically require approximately 2 hours for a full charge, which is significantly faster than traditional Ni-MH batteries.

2.3 Battery Usage

These batteries provide a constant 1.5V output from 100% to 0% capacity, ensuring consistent performance for your devices. They are ideal for high-power demand devices that benefit from stable voltage.

Constant 1.5 Volt Rechargeable Battery

3A Max. discharge current, constant 1.5V output voltage, fits for high power demanded device.
Keep your devices stable and powerful



These Hixon AA lithium-ion batteries maintain a constant 1.5V output throughout their discharge cycle, unlike traditional alkaline or NiMH batteries which experience voltage drop.

High Capacity

Using grade A lithium polymer batteries core, longer working time at the same capacity



Each Hixon J818 model AA lithium battery provides 3500mWh of energy, ensuring longer operating times for your devices.

2.4 Recommended Applications

Hixon AA batteries are suitable for a wide range of devices, including but not limited to:

- VR Gaming Controllers
- Blink Cameras
- Insulin Pumps
- Remote Controls
- Portable Audio Players
- Children's Toys
- Flashlights and Lanterns

Widely Applied for Your Appliances

Power what you think, AR/Xbox Controller,
Blink Camera, Kids Toys, Alarm Clock....



Hixon AA batteries are suitable for a wide range of devices requiring stable 1.5V power, including VR gaming controllers, Blink cameras, remote controls, and children's toys.

This video illustrates the advanced features of Hixon AA rechargeable lithium batteries, including their high discharge current, energy capacity, constant voltage output, fast charging, and long cycle life.

3. MAINTENANCE

3.1 Battery Lifespan

Hixon 1.5V AA lithium batteries can be recharged up to 1600 times, offering a cost-effective and environmentally friendly power solution.

Rechargeable 1600 Times

Rechargeable batteries can recharge 1600 times
no need to buy one time use batteries



Hixon 1.5V AA lithium batteries are designed for durability, offering up to 1600 recharge cycles, reducing the need for disposable batteries.

3.2 Storage

Store batteries in the provided 4-slot storage case when not in use to protect them from damage and short circuits. The self-discharge rate is approximately 0.03% per month, significantly lower than Ni-MH batteries.

3.3 Cleaning

Periodically clean the battery contacts and charger terminals with a dry, soft cloth to ensure optimal conductivity and prevent charging issues.

4. TROUBLESHOOTING

4.1 Charger LED Flashing Red

- This indicates a charging error.
- **Action:** Remove the battery, check for any visible damage, and re-insert it correctly. If the issue persists, the battery may be faulty.

4.2 Device Not Working with Charged Batteries

- Ensure your device is compatible with 1.5V batteries. While Hixon batteries provide a constant 1.5V,

some sensitive electronics may have specific power requirements that differ from standard alkaline batteries.

- **Action:** Verify the device's power specifications. If the device requires a higher initial voltage or a different discharge curve, it might not function optimally.

4.3 Batteries Not Charging

- Check that the Type-C charging cable is securely connected to both the charger and the power adapter.
- Ensure the power adapter is functioning correctly and providing the recommended DC 5V/2A output.
- Confirm that only Hixon lithium-ion AA/AAA batteries are being charged in the Hixon Q022 charger. This charger is specifically designed for Hixon lithium-ion batteries and is not compatible with Ni-MH or other battery types. Using incompatible batteries may cause damage to the batteries or charger.

5. SPECIFICATIONS

Feature	Detail
Battery Model	J818
Battery Type	Lithium-ion (Li-ion)
Battery Size	AA
Energy Capacity	3500mWh (approx. 2333mAh)
Output Voltage	Constant 1.5V DC
Max Discharge Current	3A
Recharge Cycles	Up to 1600x
Charging Time	Approx. 2 hours
Charger Model	Q022
Charger Input	Type-C DC 5V/2A
Product Dimensions (Battery)	0.57 x 0.57 x 1.99 inches
Item Weight (Battery)	0.67 ounces (19 Grams)
Certifications	ROHS, CE, CQC, PSE

Superior Safety

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



OVER-CURRENT
PROTECTION



OVER-TEMPERATURE
PROTECTION



OVER-VOLTAGE
PROTECTION



CHARGE
PROTECTION



The Hixon AA battery incorporates multiple protection features, including over-current, over-temperature, over-voltage, and charge protection, ensuring safe and reliable operation.

6. WARRANTY AND SUPPORT

6.1 Multi-Protection Features

Hixon batteries and chargers are equipped with intelligent control systems and built-in protection devices to prevent common issues. These include:

- Overcharge Protection
- Overvoltage Protection
- Overcurrent Protection
- Over-discharge Protection
- Reverse Charge Protection

These features ensure the safety and longevity of both your batteries and the charger.

6.2 Customer Support

For specific warranty details, technical assistance, or any product-related inquiries, please contact Hixon customer support through the retailer or the official Hixon website. Hixon Technologies is committed to providing high-quality rechargeable battery solutions.

