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MINISO Rechargeable AA Batteries

MINISO Rechargeable AA Lithium Batteries & Fast Charger User Manual

Model: Rechargeable AA Batteries
Brand: MINISO

Introduction

This user manual provides essential information for the safe and efficient use of your MINISO Rechargeable AA Lithium Batteries and Fast Charger. Please read this manual thoroughly before first use and retain it for future reference. This product is designed to provide reliable, long-lasting power for a wide range of compatible electronic devices.



Image: The MINISO Rechargeable AA Lithium Batteries and Fast Charger Kit, showing the charging case and several colorful AA batteries.

Important Safety Information

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

- Do not disassemble, open, or shred battery packs or cells.
- Do not expose batteries to heat or fire. Avoid storage in direct sunlight.
- Do not short-circuit a battery. Do not store batteries haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects.
- Do not remove a battery from its original packaging until required for use.
- Do not subject batteries to mechanical shock.
- In the event of a battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has

been made, wash the affected area with copious amounts of water and seek medical advice.

- Do not use any charger other than that specifically provided for use with the equipment.
- Observe the plus (+) and minus (-) marks on the battery and equipment and ensure correct use.
- Keep batteries out of the reach of children.
- Seek medical advice immediately if a battery has been swallowed.
- Always purchase the correct size and grade of battery most suitable for the intended use.
- Clean the battery contacts and also those of the device prior to battery installation.
- Remove batteries from equipment when not in use for extended periods.
- Dispose of batteries properly according to local regulations.



Image: Illustration of the battery's internal structure highlighting its leak-proof design, contrasted with images depicting liquid leakage and

corrosion from inferior batteries.

What's in the Box

Your MINISO Rechargeable AA Lithium Batteries & Fast Charger package includes:

- 8 × MINISO Rechargeable AA Lithium Batteries
- 1 × Lithium AA Battery Fast Charger Hub
- 1 × Type-C Charging Cable
- 1 × Instruction Manual (this document)

Setup

1. Unpacking

Carefully remove all components from the packaging. Inspect all items for any signs of damage. If any item is damaged or missing, please contact customer support.

2. Initial Charge

It is recommended to fully charge the batteries before their first use to ensure optimal performance and longevity. The charger is designed for fast charging, typically completing a full charge in approximately 2.5 hours.

3. Understanding the Charger

The included SmartCharge Hub features multiple slots for charging your AA batteries and LED indicators for each slot. It also serves as a convenient storage case.



Image: The MINISO 3-in-1 Multifunctional Charging Case, illustrating its use for neat storage and quick access to batteries, contrasting with a messy drawer of unorganized batteries.

Operating Instructions

1. Charging the Batteries

1. Connect the Type-C charging cable to the SmartCharge Hub and plug the other end into a compatible USB power adapter (not included).
2. Insert the MINISO AA Lithium Batteries into the charging slots of the hub, ensuring correct polarity (+ and -).
3. Observe the LED indicators:

- **Blinking Green:** Charging in progress.
- **Solid Green:** Fully charged.
- **Blinking Red:** Not compatible battery or error.
- **Static Red:** Over temperature.

4. Once fully charged (solid green LED), remove the batteries from the charger.



Image: A visual guide to the LED indicators on the MINISO fast charger, explaining the meaning of blinking green, solid green, blinking red, and static red lights.



Image: The MINISO fast charger connected via USB-C, illustrating its 2.5-hour full charge time compared to longer times for other batteries.

2. Battery Usage

MINISO AA Lithium Batteries provide a stable 1.5V constant voltage output, which is ideal for high-drain devices and sensitive electronics like Blink cameras, Xbox controllers, and VR grips, ensuring consistent performance without voltage drop issues common with NiMH batteries.

- Insert the charged batteries into your device, observing the correct polarity.
- These batteries are designed for devices requiring consistent power, offering extended runtime due to their 3600mWh ultra-high capacity.



Image: An arrangement of MINISO AA batteries and the charging case, surrounded by various compatible devices such as a flashlight, toy car, computer mouse, game controller, and security camera, demonstrating universal compatibility.



Image: A graph illustrating the stable 1.5V constant voltage output of MINISO Lithium Batteries compared to the declining voltage of NiMH batteries over discharge time, shown within a transparent game controller.

3. Color-Coding System (ColorSense)

The MINISO batteries feature a unique ColorSense system with 8 vibrant, fruit-inspired colors. This system helps you manage your batteries effectively:

- Easily distinguish between fresh and used batteries.
- Assign specific colors to different devices for organized battery management.
- Prevents accidental reuse of depleted cells.

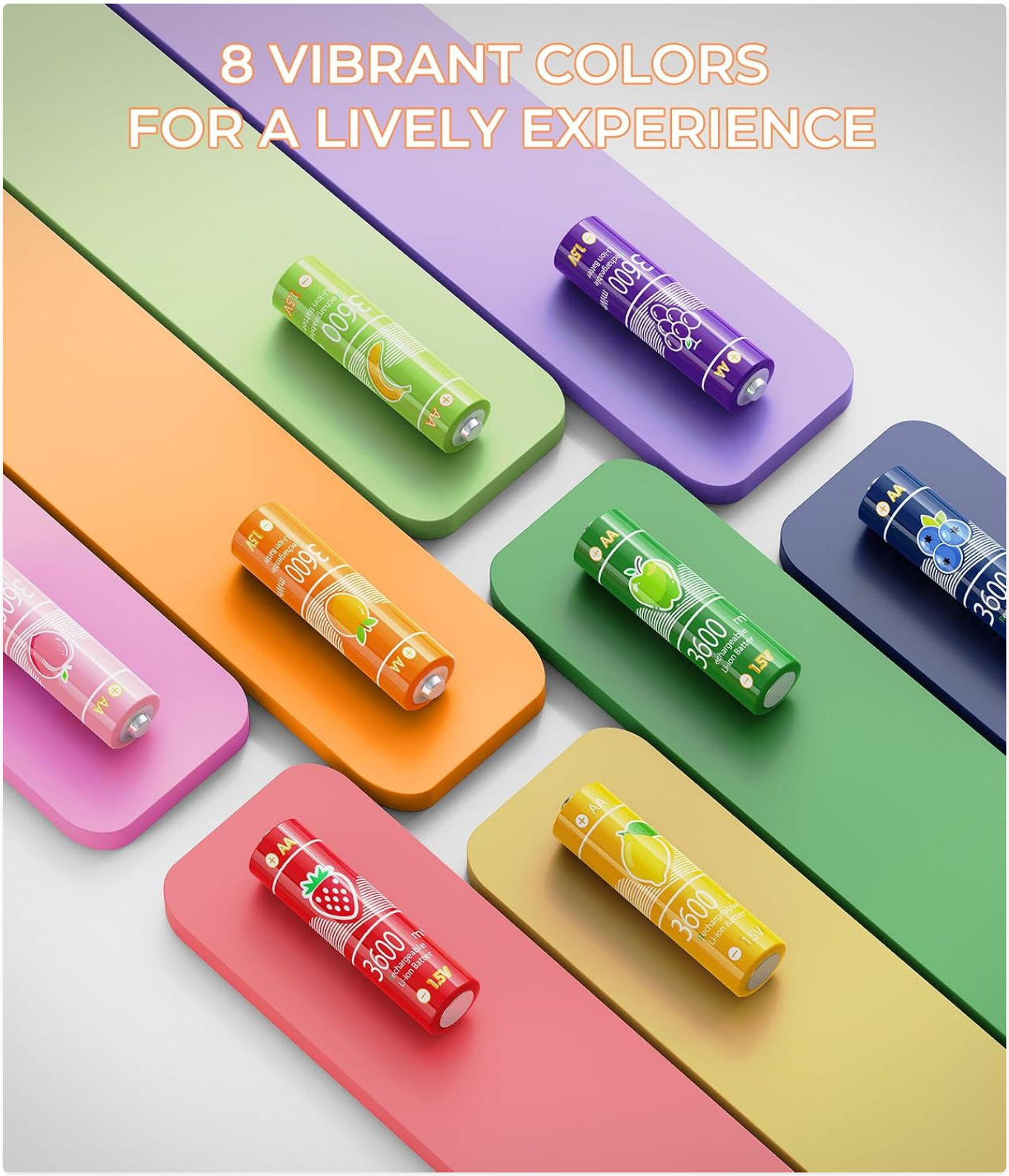

Image: Eight MINISO AA batteries, each a different vibrant, fruit-inspired color (e.g., red strawberry, orange peach, green apple, blue blueberry, purple grape), arranged on colorful platforms.

Maintenance

1. Battery Storage

Store batteries in the provided charging hub or a cool, dry place away from direct sunlight and extreme temperatures. The SteelShell DualSeal Structure minimizes leakage risks, ensuring safe storage.

2. Cleaning

Wipe the batteries and charger with a clean, dry cloth if needed. Do not use harsh chemicals or abrasive materials.

3. Longevity Tips

- Fully charge batteries before first use.
- Avoid completely draining batteries before recharging, though these batteries are designed to maintain constant voltage until depletion.
- Store partially charged batteries if not used for extended periods.
- The batteries are lab-tested for 1600+ recharge cycles and a 7-year lifespan, reducing replacement frequency.

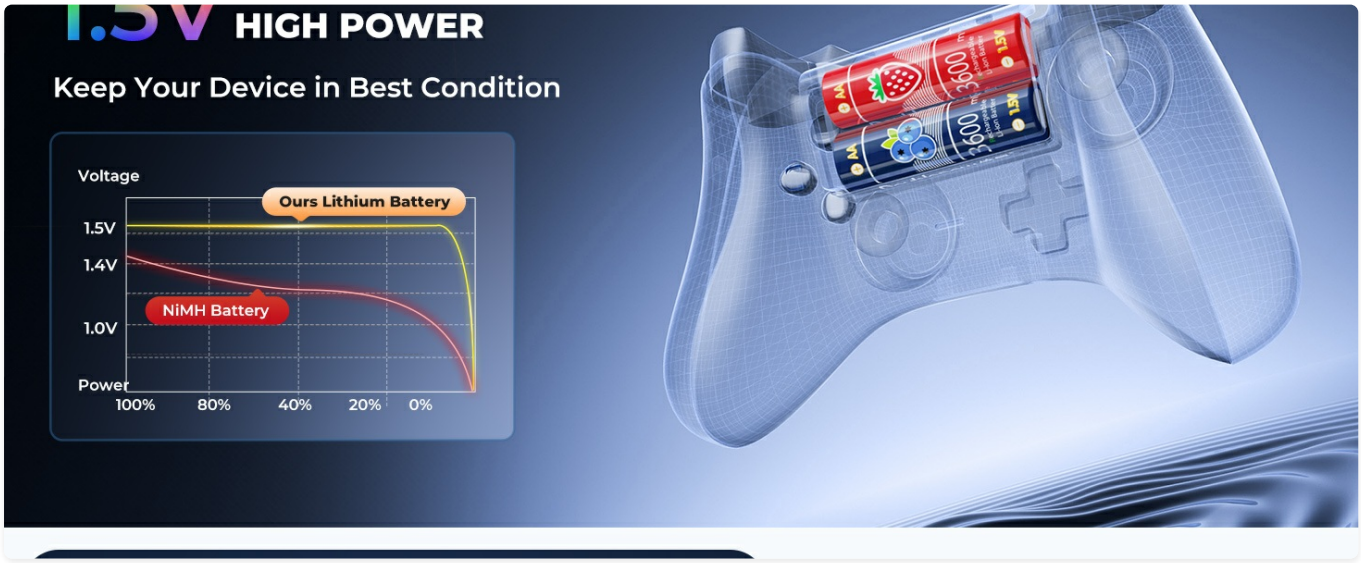

Image: A graph illustrating the low capacity fade of MINISO Lithium Batteries over 1200 cycles compared to the more significant capacity fade of NiMH batteries, indicating longer lasting power.

Troubleshooting

Problem	Possible Cause	Solution
Batteries not charging (LED blinking red)	Incorrect battery type; improper insertion; charger malfunction.	Ensure only MINISO AA Lithium Batteries are used. Reinsert batteries correctly, observing polarity. Try a different USB power source. If issue persists, contact support.
Batteries not holding charge or short runtime	Batteries not fully charged; battery nearing end of life; high-drain device.	Ensure batteries are fully charged (solid green LED). While designed for 1600+ cycles, all batteries have a finite lifespan. For very high-drain devices, runtime will naturally be shorter.
Charger LED is static red	Over temperature.	Disconnect the charger and allow it to cool down in a well-ventilated area. Do not charge in direct sunlight or enclosed spaces.
Device not powering on with charged batteries	Incorrect battery insertion; device issue; battery contacts dirty.	Check battery polarity in the device. Test batteries in another compatible device. Clean battery contacts on both the battery and the device.

Specifications

Feature	Detail
Battery Type	Rechargeable AA Lithium-ion

Feature	Detail
Capacity	3600mWh (3.6 Amp Hours)
Voltage Output	1.5V Constant Voltage
Recharge Cycles	1600+ cycles
Lifespan	Up to 7 years
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Charger Input	USB-C (5V/3A recommended)
Full Charge Time	Approx. 2.5 hours (for 8 batteries)
Leak Protection	SteelShell DualSeal Structure
Environmental Compliance	No mercury, no cadmium
Item Weight	9.1 ounces (total package)
Package Dimensions	3.74 x 2.99 x 2.24 inches

Warranty and Support

Warranty Information

MINISO products are manufactured to high-quality standards. For specific warranty details regarding your purchase, please refer to the terms provided at the time of purchase or contact the seller directly.

Customer Support

For any concerns, questions, or technical assistance, please contact MINISO customer support through the Amazon Message Center. Follow these steps:

1. Go to "Your Orders" on Amazon.
2. Click on the detail page of the product you purchased.
3. Click the 'MINISO-US' Seller Name.
4. Click 'Ask a Question'.

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