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> [imuto Rechargeable AAA Lithium Batteries with Fast Charger \(Model AAA361\) User Manual](#)

imuto AAA361

imuto Rechargeable AAA Lithium Batteries with Fast Charger (Model AAA361) User Manual

Your guide to efficient and reliable power.

1. PRODUCT OVERVIEW

The imuto Rechargeable AAA Lithium Batteries with Fast Charger provide a high-capacity, long-lasting power solution for various electronic devices. This kit includes 8 AAA lithium batteries and a smart charging case that also functions as a storage unit.



Image 1.1: Overview of the imuto AAA Rechargeable Lithium Batteries and Fast Charger.

Key Features:

- **Ultra-high Capacity:** Each AAA battery offers 1300mWh capacity with a constant 1.5V output, ensuring consistent performance until fully depleted.
- **Extended Lifespan:** Designed for up to 1600 charge/discharge cycles, equivalent to thousands of disposable batteries, contributing to long-term savings.
- **Integrated Charging & Storage:** The 8-slot charger doubles as a compact storage case, keeping batteries organized and protected.
- **Fast Charging:** Features 2.2-hour quick charge technology for 1-8 AAA lithium batteries via a Type-C port.
- **Versatile Compatibility:** Ideal for high-power consumption devices such as shavers, computer mice,

calculators, keyboards, remote controls, electronic scales, radios, children's toys, alarm clocks, and blood pressure monitors.

- **Advanced Safety:** Incorporates CBPI™ Sealing Technology with multiple protection features including overcurrent, overvoltage, overcharge, over-discharge, short circuit, and temperature protection.

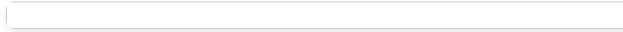


Image 1.2: Detailed view of imuto AAA battery specifications including 1300mWh capacity and 1.5V output.

2. SETUP AND CHARGING

2.1 Inserting Batteries:

1. Open the magnetic lid of the smart charging case.
2. Insert up to 8 imuto AAA lithium batteries into the designated slots, ensuring correct polarity (+/-).
3. Close the magnetic lid securely.

2.2 Connecting the Charger:

1. Locate the Type-C charging port on the side of the charging case.
2. Connect the provided Type-C to Type-C cable (or a compatible Type-C to USB-A cable) to the charging port.
3. Connect the other end of the cable to a 5V/3A power source (e.g., laptop, car charger, power bank, wall adapter).

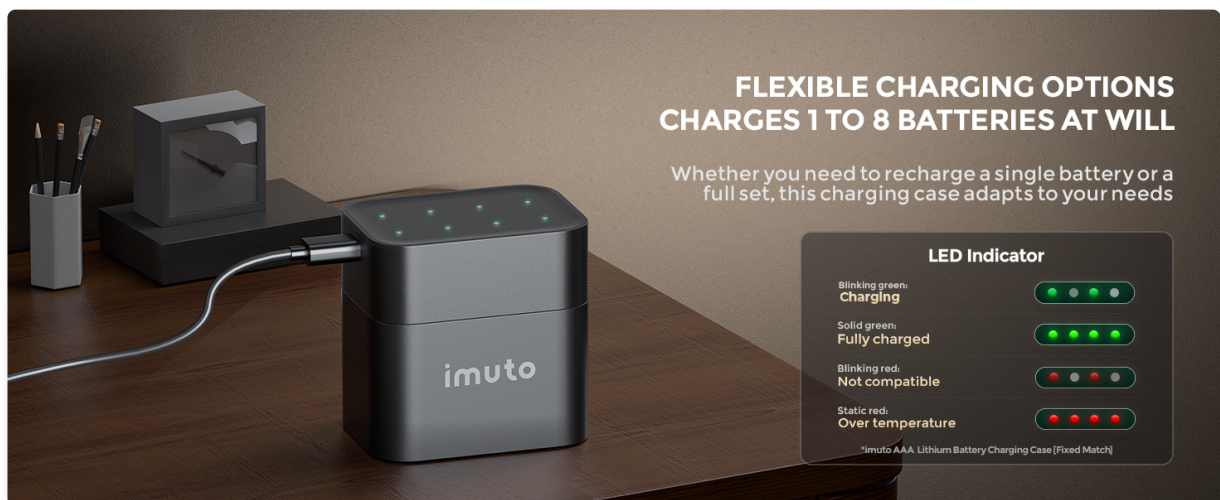


Image 2.1: The imuto fast charger connected to a power source, illustrating the quick charging capability.

2.3 Charging Indicators:

The charging case features LED indicators on the lid to display the charging status:

- **Blinking Green:** Batteries are currently charging.
- **Solid Green:** Batteries are fully charged.
- **Blinking Red:** Incompatible battery detected.
- **Static Red:** Over-temperature warning.



Image 2.2: Guide to the LED indicators on the imuto charging case, showing different charging statuses.

2.4 Charging Time:

A full charge for 1-8 AAA lithium batteries typically takes approximately 2.2 hours.

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Video 2.1: A user demonstrates the imuto rechargeable AAA battery case, highlighting its design and charging functionality.

3. OPERATING INSTRUCTIONS

3.1 Using Batteries in Devices:

Once fully charged, remove the batteries from the charging case and insert them into your compatible electronic devices. Ensure correct polarity for proper function.



Image 3.1: Graph illustrating the consistent 1.5V high power output of imuto lithium batteries compared to NiMH batteries.

3.2 Compatibility with High-Power Devices:

imuto rechargeable lithium AAA batteries are suitable for devices with high power consumption. However, please note that the maximum discharge current is 0.5A. For some high-power remote control cars, LED flashlights, or LED headlights with high brightness/strong light modes, the battery may experience overload and abnormal heating. Long-term full current output and over-current output can cause battery heating. Always check your device's current requirements.



Image 3.2: Visual representation of imuto batteries being rechargeable up to 1600 times, emphasizing their longevity.

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Video 3.1: A review of imuto rechargeable AAA batteries, demonstrating their use in various devices and highlighting their benefits.

4. MAINTENANCE AND STORAGE

4.1 Integrated Storage:

The smart charging case is designed for both charging and storing your batteries. This keeps them organized and prevents them from being misplaced. The magnetic flip cover ensures secure closure.



Image 4.1: The imuto 3-in-1 multifunctional charging case, showcasing its capabilities for charging, storage, and protection.

4.2 Low Self-Discharge:

imuto lithium batteries feature low self-discharge, meaning they retain their charge for extended periods when not in use. This ensures they are ready when you need them, even after long storage.

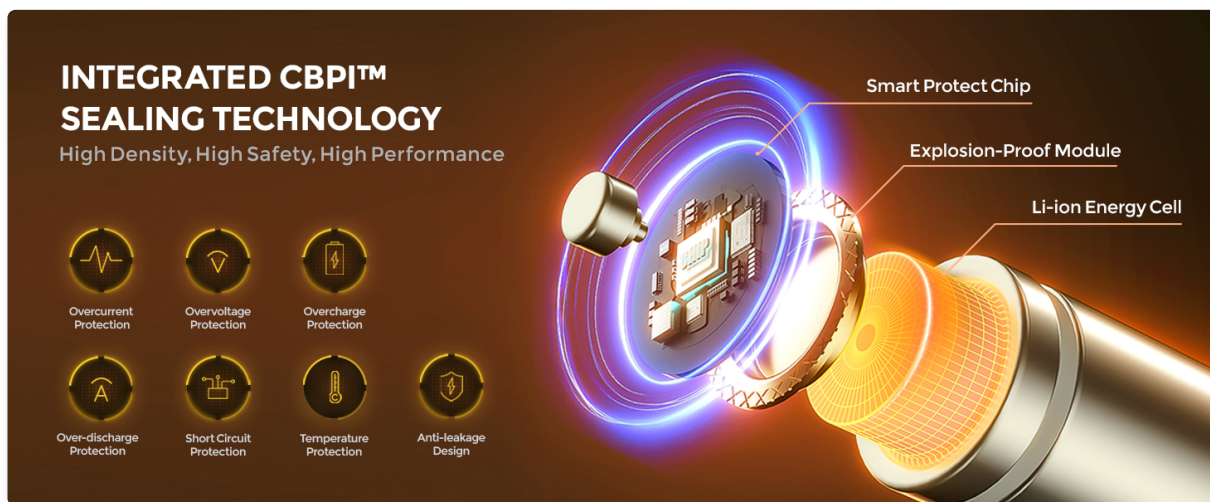


Image 4.2: Graph comparing the low self-discharge rate of imuto batteries against other types, demonstrating superior charge retention.

5. SAFETY INFORMATION

The imuto rechargeable batteries are equipped with advanced safety features to ensure reliable and secure operation.



Image 5.1: Diagram illustrating the Integrated CBPI™ Sealing Technology and its various protection mechanisms within the battery.

Integrated Protection Features:

- **Overcurrent Protection:** Prevents damage from excessive current flow.
- **Overvoltage Protection:** Safeguards against charging with too high a voltage.
- **Overcharge Protection:** Stops charging once batteries reach full capacity.
- **Over-discharge Protection:** Prevents batteries from being drained too low, extending lifespan.
- **Short Circuit Protection:** Automatically cuts off power in case of a short circuit.
- **Temperature Protection:** Monitors and regulates battery temperature to prevent overheating.
- **Anti-leakage Design:** Minimizes the risk of battery leakage.

6. TROUBLESHOOTING

Batteries Not Charging:

If you encounter issues where 1-2 batteries cannot be charged normally (e.g., LED indicator shows blinking red for incompatible or static red for over-temperature), please:

1. Ensure the batteries are correctly inserted with proper polarity.
2. Verify the charging cable and power source are functioning correctly and meet the 5V/3A recommendation.
3. Remove and reinsert the problematic battery.
4. If the issue persists, contact customer support for assistance.

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Video 6.1: A detailed review of imuto rechargeable AAA and AA batteries, including charging demonstrations and usage tips.

7. SPECIFICATIONS

Feature	Detail
Brand	imuto
Model Number	AAA361
Battery Type	Lithium Ion (Li-ion)
Battery Size	AAA
Battery Capacity	1300mWh (780 mAh)
Output Voltage	1.5V (Constant)
Max Discharge Current	0.5A
Recharge Cycles	Up to 1600 times
Charging Port	Type-C
Recommended Input	5V/3A
Full Charge Time	Approx. 2.2 hours
Item Weight	2.54 ounces
Package Dimensions	3.82 x 3.07 x 2.24 inches
Manufacturer	Jiangxi DBK Co., Ltd.

8. WARRANTY AND SUPPORT

Warranty:

This imuto product comes with a **12-month warranty** from the date of purchase.

Customer Support:

For any questions, concerns, or warranty claims, please contact imuto customer support directly. If you receive goods with any defects, such as batteries that cannot be charged normally, we are committed to

providing the best solution.

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Video 8.1: A review highlighting the 1600-cycle recharge capability of imuto batteries and their overall value.