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› [HiQuick 8-Bay AA/AAA Smart Battery Charger with 2800mAh AA Batteries User Manual](#)

HiQuick 8-Bay AA/AAA Smart Battery Charger with 2800mAh AA Batteries

HiQuick 8-Bay AA/AAA Smart Battery Charger with 2800mAh AA Batteries User Manual

Model: HiQuick 8-Bay Charger & 2800mAh AA Batteries

Brand: HiQuick

1. INTRODUCTION

This user manual provides detailed instructions for the safe and efficient operation of your HiQuick 8-Bay Smart Battery Charger and 2800mAh AA Ni-MH rechargeable batteries. This system is designed to provide reliable power for a wide range of electronic devices, offering fast charging and long-lasting performance.

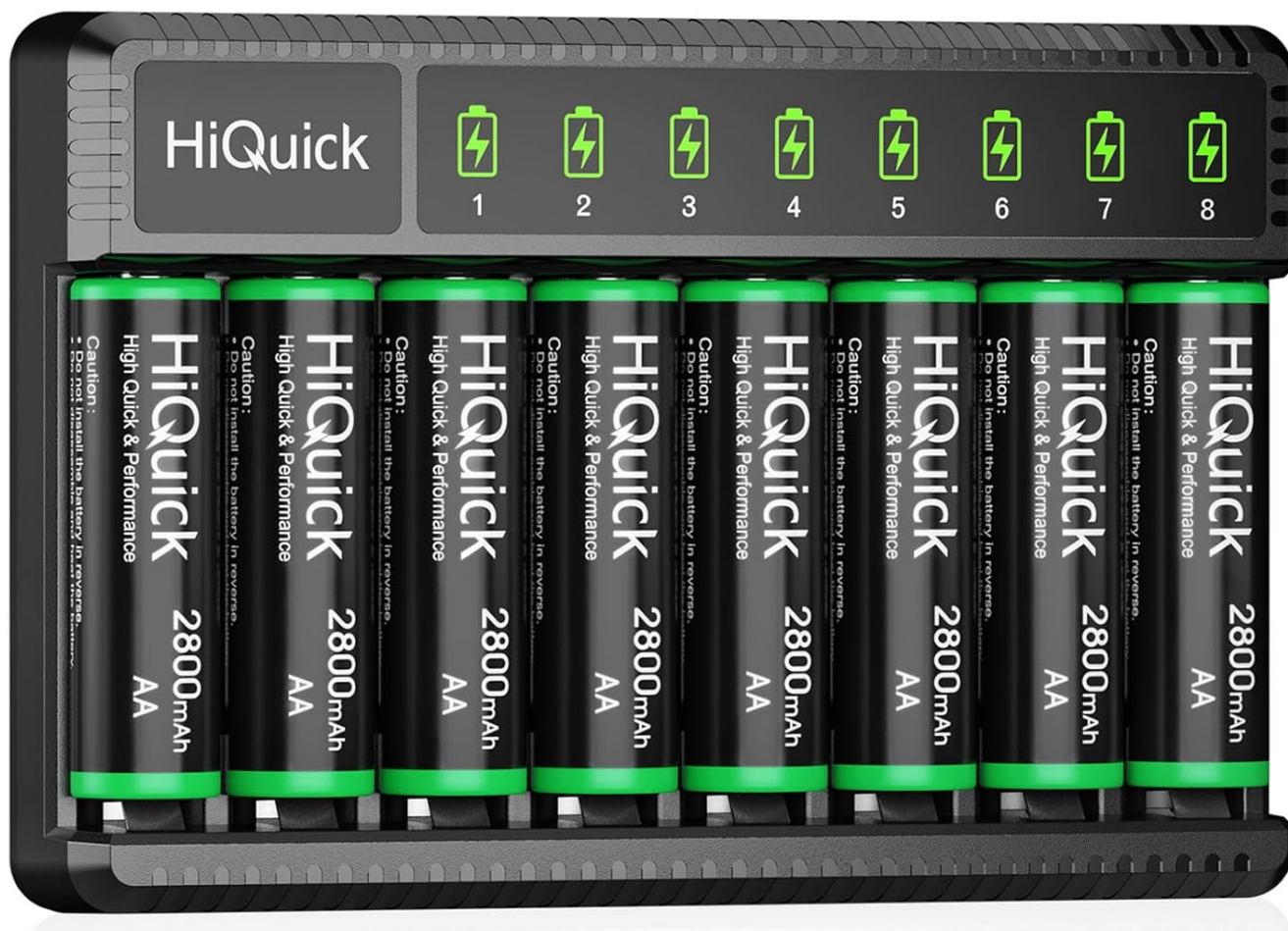


Image: The HiQuick 8-Bay Smart Battery Charger with eight 2800mAh AA rechargeable batteries inserted into its slots. The charger is black with a "HiQuick" logo and LED indicators above each bay.

2. SAFETY INFORMATION

Please read and understand all safety warnings and instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Use only Ni-MH or Ni-CD rechargeable batteries with this charger. Do not attempt to charge alkaline, carbon-zinc, or any other type of non-rechargeable batteries, as this may cause leakage, rupture, or explosion.
- Ensure correct polarity (+/-) when inserting batteries into the charger. Incorrect insertion can damage the charger and batteries.
- Do not disassemble, modify, or short-circuit the charger or batteries.
- Avoid exposing the charger and batteries to water, moisture, direct sunlight, or extreme temperatures.
- Keep out of reach of children.
- Unplug the charger from the power source when not in use or before cleaning.

- The charger features multiple protection mechanisms including overcharge, overcurrent, overvoltage, overheat, and short-circuit protection. However, always monitor the charging process.



Image: An illustration highlighting the multiple protection features of the HiQuick charger, including overheating, short-circuit, overcharge, overcurrent, and overvoltage protection.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x HiQuick 8-Bay Smart Battery Charger
- 8 x HiQuick 2800mAh AA Ni-MH Rechargeable Batteries
- 1 x USB Type-C Charging Cable
- 1 x User Manual (this document)



Image: The package contents laid out, showing the 8-bay charger, eight AA batteries, a USB-C cable, and the user manual.

4. SETUP

1. **Connect the Charger:** Plug the provided USB Type-C cable into the charger's input port. Connect the other end of the USB cable to a compatible power source such as a USB wall adapter (5V 2A recommended), power bank, laptop, or car charger.
2. **Insert Batteries:** Carefully insert 1 to 8 AA or AAA Ni-MH/Ni-CD rechargeable batteries into the charging slots. Ensure that the positive (+) and negative (-) ends of the batteries align correctly with the markings in the charger slots.



Image: The HiQuick charger shown connected to different power sources including a laptop, wall adapter, power bank, and car charger, demonstrating its versatile input options.

Convenient Hybrid Charging Technology

HiQuick rechargeable battery charger can charge 1 to 8 Ni-Mh/Ni-Cd AA and AAA rechargeable batteries.



Image: The HiQuick 8-bay charger with a mix of AA and AAA batteries inserted, illustrating its ability to charge both types simultaneously and independently.

5. OPERATING INSTRUCTIONS

5.1 Charging Process

Once batteries are correctly inserted and the charger is powered on, the charging process will begin automatically. The charger supports independent charging for each bay.

Intelligent LED Screen Charger

The RED light shows that it is charging,
the GREEN light shows that the battery is full.



Image: A close-up of the HiQuick charger's LED indicators. Red lights indicate charging, while green lights indicate a full charge.

5.2 LED Indicators

- **Red Light:** Indicates that the battery in that slot is currently charging.
- **Green Light:** Indicates that the battery in that slot is fully charged.

5.3 Charging Times

The charger utilizes 600mA pulse current charging for efficient and fast charging.

- **AAA 1100mAh Batteries:** Approximately 2 hours for a full charge.
- **AA 2800mAh Batteries:** Approximately 4.5 hours for a full charge.



2_h

for any number of
AAA NI-MH/NI-CD batteries

4.5_h

for any number of
AA NI-MH/NI-CD batteries

High Current Mode, Quick Charging Technology

With strong pulse output current, it will not shunt, and can quickly charge your battery in a short time.

Image: The HiQuick charger connected to a laptop, with text indicating 2 hours for AAA Ni-MH/NI-CD batteries and 4.5 hours for AA Ni-MH/NI-CD batteries.

6. MAINTENANCE

- **Cleaning:** Disconnect the charger from the power source before cleaning. Use a soft, dry cloth to wipe the surface of the charger. Do not use abrasive cleaners or solvents.
- **Storage:** Store the charger and batteries in a cool, dry place away from direct sunlight and extreme temperatures. For prolonged storage, it is recommended to charge the batteries once every 3 months to maintain optimal performance and prevent deep discharge.
- **Battery Life:** HiQuick batteries are designed for up to 1200 recharge cycles. Proper care and charging practices will help maximize their lifespan.
- **Low Self-Discharge:** HiQuick Ni-MH batteries retain approximately 80% of their capacity after 36 months of non-use, thanks to their low self-discharge technology.

Low Self Discharge

HiQuick batteries can keep 80% power after non-use for 3 years. It is also suggested to charge once per 3 months when they are not in use.

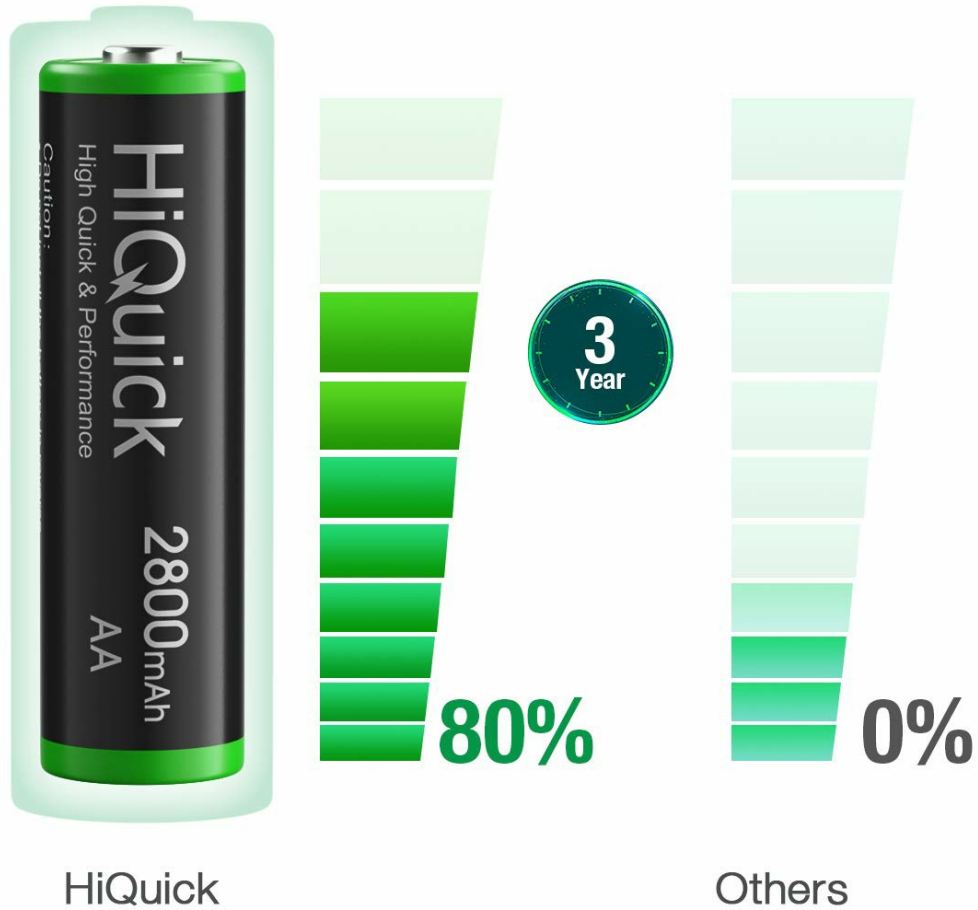


Image: An illustration demonstrating the low self-discharge rate of HiQuick batteries, showing they retain 80% capacity after 3 years compared to other brands.

Rechargeable & Long-Life Battery

HiQuick has special protective technology and material to extend the life of the battery to 1200 times.



Image: A graphic highlighting the long-life capability of HiQuick batteries, indicating they can be recharged up to 1200 times.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
LED indicator not lighting up.	Charger not connected to power, or connection is loose. Battery inserted incorrectly.	Ensure the USB cable is securely connected to both the charger and the power source. Re-insert the battery, ensuring correct polarity.
Battery not charging (LED remains red for too long or doesn't change).	Battery is fully charged. Battery is damaged or non-rechargeable.	Check if the LED is green, indicating a full charge. Try charging a different known-good rechargeable battery. Do not attempt to charge non-rechargeable batteries.

Problem	Possible Cause	Solution
Charger or batteries feel excessively hot during charging.	Overheating due to faulty battery or environmental factors.	Immediately disconnect the charger from power and remove batteries. Allow to cool down. Ensure adequate ventilation around the charger. If the issue persists, discontinue use and contact support.

8. SPECIFICATIONS

- **Brand:** HiQuick
- **Model:** 8-Bay AA/AAA Smart Battery Charger
- **Battery Type:** Ni-MH / Ni-CD
- **Input:** USB Type-C, 5V 2A
- **Output Voltage:** 1.48 Volts (per slot)
- **Charging Current:** 600mA (pulse current)
- **Battery Capacity (AA):** 2800mAh
- **Battery Capacity (AAA):** 1100mAh (if included/used)
- **Recharge Cycles:** Up to 1200 times
- **Product Dimensions:** 1.1"D x 4.9"W x 3.3"H
- **Item Weight:** 98 Grams (charger only, batteries not included in this weight)
- **Color:** Black
- **Certifications:** UL Certified (for charger)

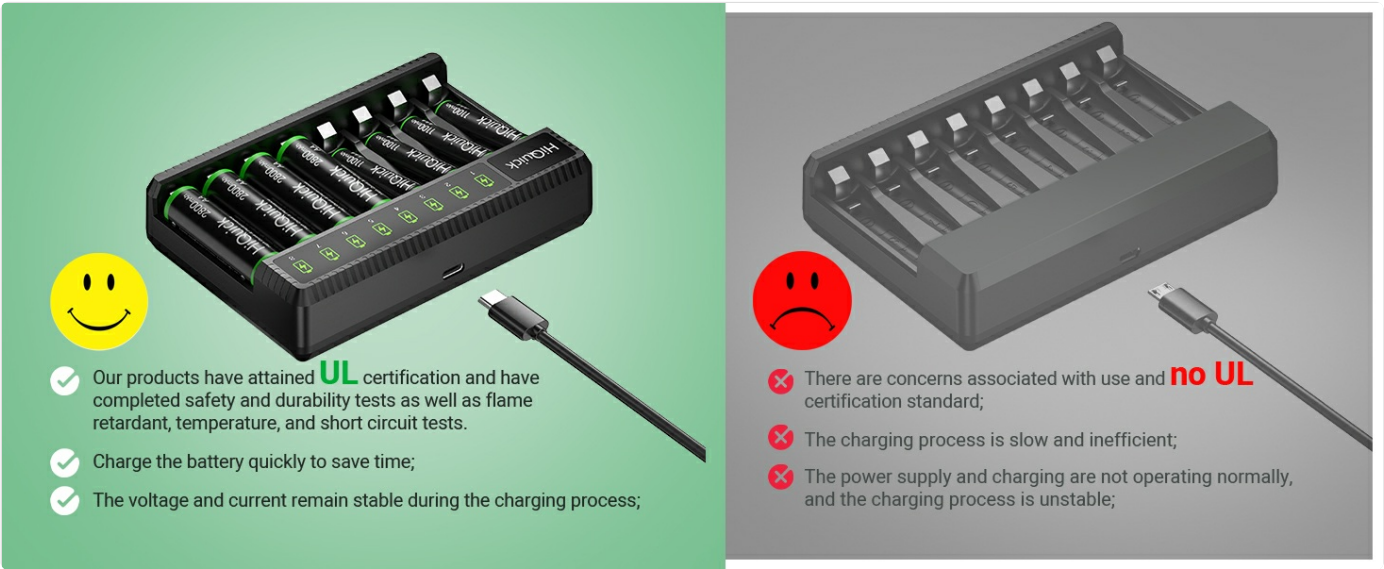
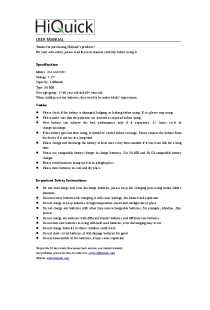
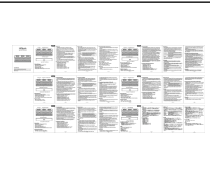
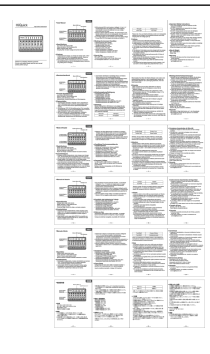
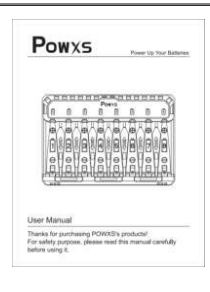




Image: A visual comparison emphasizing the UL certification of the HiQuick product, ensuring safety and reliability.

9. WARRANTY AND SUPPORT

HiQuick is committed to providing reliable and high-quality products. For any questions, concerns, or technical support regarding your HiQuick battery charger and batteries, please contact our customer service team. Please refer to the product packaging or the official HiQuick website for the most up-to-date warranty information and contact details.

For more information, visit the [HiQuick Store on Amazon](#).

	<p>HiQuick 43AAA800EH Ni-MH Rechargeable Battery User Manual and Safety Guide</p> <p>Official user manual for HiQuick 43AAA800EH Ni-MH rechargeable batteries (1.2V, 1100mAh). Provides detailed specifications, operating instructions, care guidelines, and crucial safety information for safe and optimal use.</p>
	<p>HiQuick HQ-6928 LCD Battery Charger User Manual</p> <p>User manual for the HiQuick HQ-6928 LCD Battery Charger, providing detailed information on features, specifications, usage instructions, safety precautions, and environmental conditions for AA and AAA rechargeable batteries.</p>
	<p>HiQuick 8-Bay Battery Charger User Manual</p> <p>User manual for the HiQuick 8-Bay Battery Charger, providing detailed specifications, features, operating instructions, safety guidelines, and warranty information for AA and AAA rechargeable batteries.</p>
	<p>POWXS Battery Charger User Manual</p> <p>User manual for the POWXS battery charger, detailing product features, specifications, LED indicators, safety precautions, and warranty information. Supports charging of 1.2V Ni-MH/Ni-Cd AA/AAA and 1.5V Lithium-ion AA/AAA rechargeable batteries.</p>
	<p>Lexman Fast Charger Manual: Safety, Usage, and Specifications</p> <p>Comprehensive guide for the Lexman fast charger, detailing safe operation, battery compatibility (Ni-MH, Ni-CD), troubleshooting, and environmental disposal. Includes specifications and warranty information.</p>
	<p>TRONIC TAL 1000 B3 Fast Battery Charger User Manual</p> <p>User manual for the TRONIC TAL 1000 B3 Fast Battery Charger, offering instructions, safety guidelines, technical data, and troubleshooting. Available in English, Danish, French, Dutch, and German.</p>

