

HiQuick SW-8N

HiQuick 8 Bay Smart Battery Charger Instruction Manual

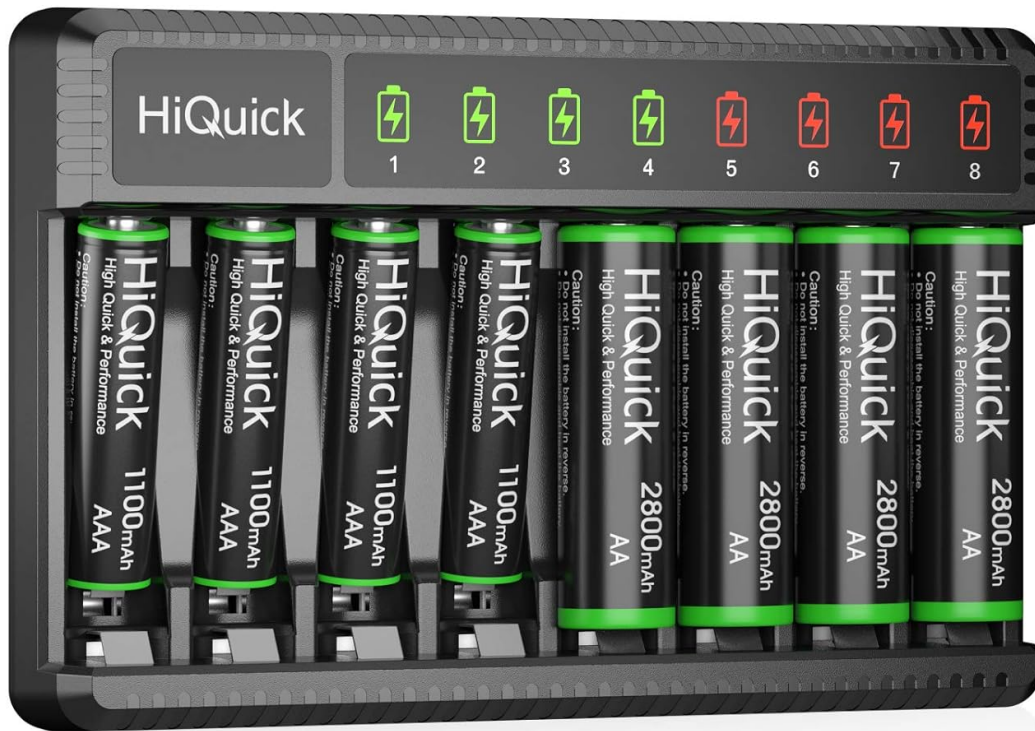
Model: SW-8N | Brand: HiQuick

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your HiQuick 8 Bay Smart Battery Charger. Please read this manual thoroughly before use and retain it for future reference.

Package Contents:

- 1 x HiQuick 8 Bay Smart Battery Charger (Model: SW-8N)
- 4 x HiQuick AA 2800mAh Ni-MH Rechargeable Batteries
- 4 x HiQuick AAA 1100mAh Ni-MH Rechargeable Batteries
- 1 x USB Type-C Charging Cable
- 1 x User Manual



The HiQuick 8 Bay Smart Battery Charger with included AA and AAA rechargeable batteries.

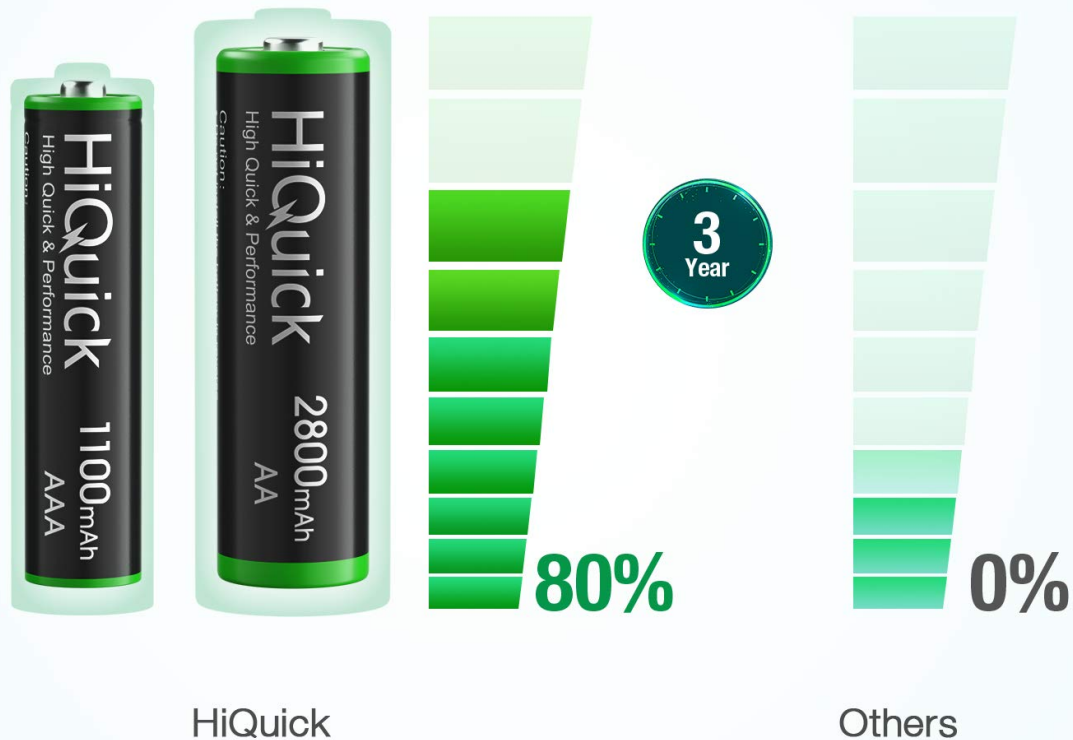
SETUP

Connecting the Charger:

1. Connect the provided USB Type-C charging cable to the input port on the back of the charger.
2. Connect the other end of the USB cable to a compatible 5V 2A USB power source (e.g., a USB wall adapter, computer USB port, or power bank).
3. Ensure the power source is active. The LED indicators on the charger will briefly light up upon connection.

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.



The HiQuick charger connected to a laptop via its USB Type-C cable, illustrating flexible power source options.

Official product video: [HiQuick 8 Bay Smart Battery Charger overview and features.](#)

Official product video: [Unboxing the HiQuick 8 Bay Smart Battery Charger.](#)

OPERATING INSTRUCTIONS

Inserting Batteries:

The charger features 8 independent charging slots, accommodating both AA and AAA Ni-MH/Ni-Cd rechargeable batteries. Each slot can charge batteries individually.

1. Insert the batteries into the charging slots, ensuring the positive (+) and negative (-) poles match the indicators on the charger.
2. The charger can charge 1 to 8 batteries simultaneously.

Multiple Protection



Over Charge
Protection



Over Current
Protection



Over Voltage
Protection



Over Heat
Protection



Short Circuit
Protection

Inserting AA and AAA batteries into the HiQuick 8-bay charger, demonstrating the independent charging slots.

LED Indicator Status:

LED Color	Status
Red Light	Charging in progress
Green Light	Battery fully charged

Intelligent LED Screen Charger

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



The intelligent LED screen on the HiQuick charger, showing red lights for charging batteries and green lights for fully charged batteries.

Charging Time:

- AAA 1100mAh batteries: Approximately 2 hours for 1-8 batteries.
- AA 2800mAh batteries: Approximately 4.5 hours for 1-8 batteries.



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.

Diagram illustrating fast charging times: 2 hours for AAA Ni-MH/Ni-CD batteries and 4.5 hours for AA Ni-MH/Ni-CD batteries.

MAINTENANCE

Battery Care:

- Store batteries in a cool, dry place away from direct sunlight or high temperatures.
- For long-term storage, it is recommended to charge batteries once every 3 months to maintain optimal performance and prevent damage.
- Avoid mixing old and new batteries, or different types/brands of batteries, when using them in devices.



Illustration highlighting the rechargeable and long-life aspects of HiQuick batteries, capable of up to 1200 cycles.



Graph demonstrating the low self-discharge rate of HiQuick batteries, retaining 80% capacity after 36 months of non-use.

Charger Care:

- Keep the charger clean and free from dust. Use a soft, dry cloth for cleaning.
- Do not disassemble or reassemble the charger, as it may cause short-circuit or fire hazard.
- Do not expose the charger to water or excessive humidity.

TROUBLESHOOTING

Common Issues:

- **Batteries not charging (LED not red):**

- Ensure the USB cable is securely connected to both the charger and the power source.
- Verify the power source is active and providing 5V 2A output.
- Check if batteries are inserted with correct polarity (+/-).
- Confirm batteries are Ni-MH/Ni-Cd rechargeable type. Alkaline or non-rechargeable batteries will not charge.
- If the battery voltage is lower than 0.9V, the charger may not activate. Try removing and reinserting the battery.

- **Charger or batteries getting hot:**

- This is normal during the charging process, but excessive heat may indicate an issue. Ensure proper ventilation around the charger.
- If overheating persists, discontinue use and contact support.

- **LED remains red after extended charging time:**

- The battery might be defective or has reached its end of life. Try charging another battery to confirm charger functionality.

Multiple Protection



The HiQuick charger incorporates multiple protection features including overcharge, overcurrent, overvoltage, overheat, and short circuit protection.

SPECIFICATIONS

Feature	Detail
Model Number	SW-8N
Input	Type-C DC 5V 2A Min
Output (AA/AAA)	1.48V DC 500mA±10%
Battery Charging Rate	≥80%
Charging Way	Constant voltage and current control
Compatible Battery Types	Ni-MH / Ni-Cd (AA/AAA)
Product Dimensions	1.1 x 3.35 x 4.92 inches
Item Weight	3.46 ounces (98 Grams)
Color	Black
Country of Origin	China


WARRANTY AND SUPPORT


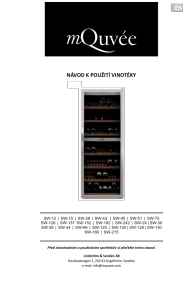



HiQuick products typically come with a 30-day money-back guarantee and a 1-year warranty. For specific warranty details or technical support, please refer to the warranty card included in your package or visit the official HiQuick website.

For customer service inquiries, please contact HiQuick support via their official website or the contact information provided in your product packaging.

You can also visit the [HiQuick Store on Amazon](#) for more information.

Related Documents - SW-8N

<div data-bbox="140 1684 287 1718">  <p>HiQuick 43AAA800EH 1.2V Ni-MH Rechargeable Battery 1100mAh</p> </div> <div data-bbox="140 1727 287 1762"> <p>Caution: Read the instructions carefully before using. Do not use with other brands of batteries.</p> </div> <div data-bbox="140 1769 287 1805"> <p>Features: High Capacity Long Life Low Self-Discharge No Memory Effect</p> </div> <div data-bbox="140 1812 287 1848"> <p>Notes: 1. This is a 1.2V Ni-MH Rechargeable Battery. It is designed to be used in a variety of applications. 2. This battery is designed to be used in a variety of applications. 3. This battery is designed to be used in a variety of applications. 4. This battery is designed to be used in a variety of applications. 5. This battery is designed to be used in a variety of applications. 6. This battery is designed to be used in a variety of applications. 7. This battery is designed to be used in a variety of applications. 8. This battery is designed to be used in a variety of applications. 9. This battery is designed to be used in a variety of applications. 10. This battery is designed to be used in a variety of applications.</p> </div> <div data-bbox="140 1854 287 1890"> <p>General Safety Instructions: 1. Do not short-circuit and do not charge batteries unless they are designed for charging from 0V to 1.2V. 2. Do not use batteries in applications where they are not designed to be used. 3. Do not use batteries in applications where they are not designed to be used. 4. Do not use batteries in applications where they are not designed to be used. 5. Do not use batteries in applications where they are not designed to be used. 6. Do not use batteries in applications where they are not designed to be used. 7. Do not use batteries in applications where they are not designed to be used. 8. Do not use batteries in applications where they are not designed to be used. 9. Do not use batteries in applications where they are not designed to be used. 10. Do not use batteries in applications where they are not designed to be used.</p> </div>	<div data-bbox="343 1798 1292 1821"> <h2>HiQuick 43AAA800EH Ni-MH Rechargeable Battery User Manual and Safety Guide</h2> </div> <div data-bbox="343 1836 1420 1859"> <h3>Official user manual for HiQuick 43AAA800EH Ni-MH rechargeable batteries (1.2V, 1100mAh).</h3> </div> <div data-bbox="343 1877 1359 1944"> <p>Provides detailed specifications, operating instructions, care guidelines, and crucial safety information for safe and optimal use.</p> </div>
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	<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>mQuvée Wine Cooler User Manual</p> <p>Comprehensive user manual for mQuvée wine coolers, covering installation, operation, temperature settings, storage, maintenance, and troubleshooting. Includes model information for SW-12 through SW-215.</p>
	<p>Brainboxes Ethernet Switch Range Quick Start Guide</p> <p>Quick start guide for Brainboxes SW range Ethernet switches, covering product overview, accessory items, power specifications, safety information, and company contact details.</p>
	<p>SYNCWIRE EV Charging Cable User Manual</p> <p>Comprehensive user manual for the SYNCWIRE EV Charging Cable, detailing product overview, technical specifications, usage instructions, and safety warnings for electric vehicle charging.</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>