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› POWEROWL 8 Bay AA AAA Battery Charger User Manual

POWEROWL ZN826E

POWEROWL 8 Bay AA AAA Battery Charger User Manual

Model: ZN826E

INTRODUCTION

The POWEROWL 8 Bay AA AAA Battery Charger is designed for efficient and safe charging of Ni-MH and Ni-CD rechargeable batteries. Featuring an intelligent chip control system and an LCD display, this charger automatically stops charging once batteries are full, preventing overcharging and extending battery life. Its independent charging slots allow for flexible charging of any number of AA or AAA batteries simultaneously.

SAFETY INFORMATION

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

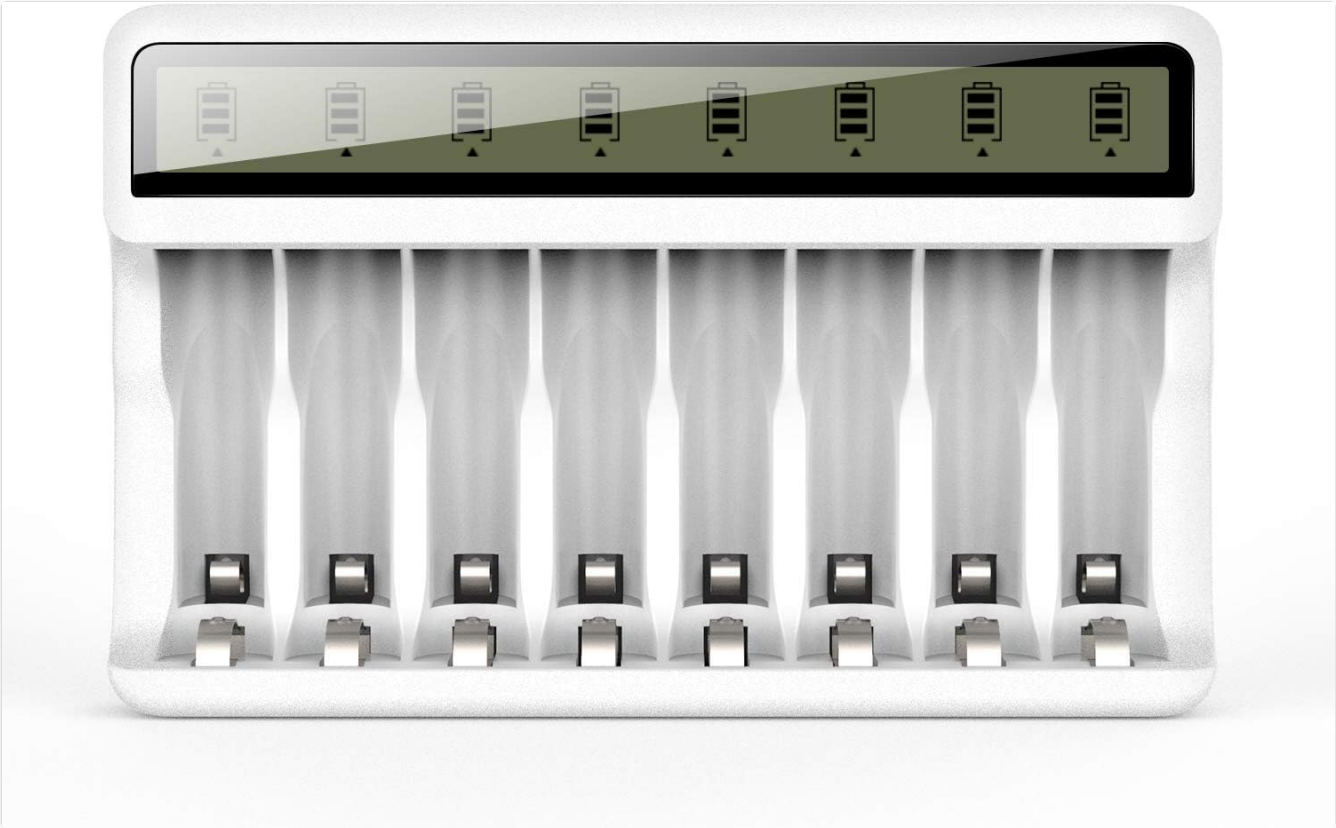
- Use only with Ni-MH and Ni-CD rechargeable batteries. Do not attempt to charge alkaline, lithium, or other non-rechargeable battery types.
- Do not disassemble, modify, or repair the charger. Refer all servicing to qualified personnel.
- Avoid exposing the charger to water, moisture, or extreme temperatures.
- Ensure proper ventilation during charging. Do not cover the charger.
- Unplug the charger from the power source when not in use or before cleaning.
- Keep out of reach of children.
- If a battery shows signs of damage, leakage, or overheating, immediately remove it from the charger and dispose of it properly.

WHAT'S IN THE BOX

Verify that all items are present in the package:

- 1 x POWEROWL Smart 8 Bay Battery Charger
- 1 x USB-Micro Cable
- 1 x User Manual

Front View of Charger

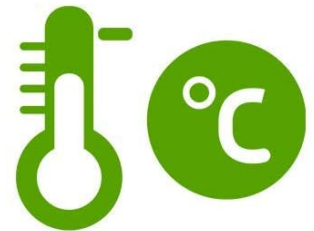
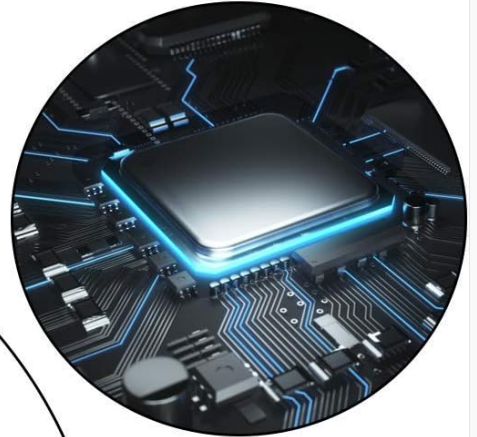
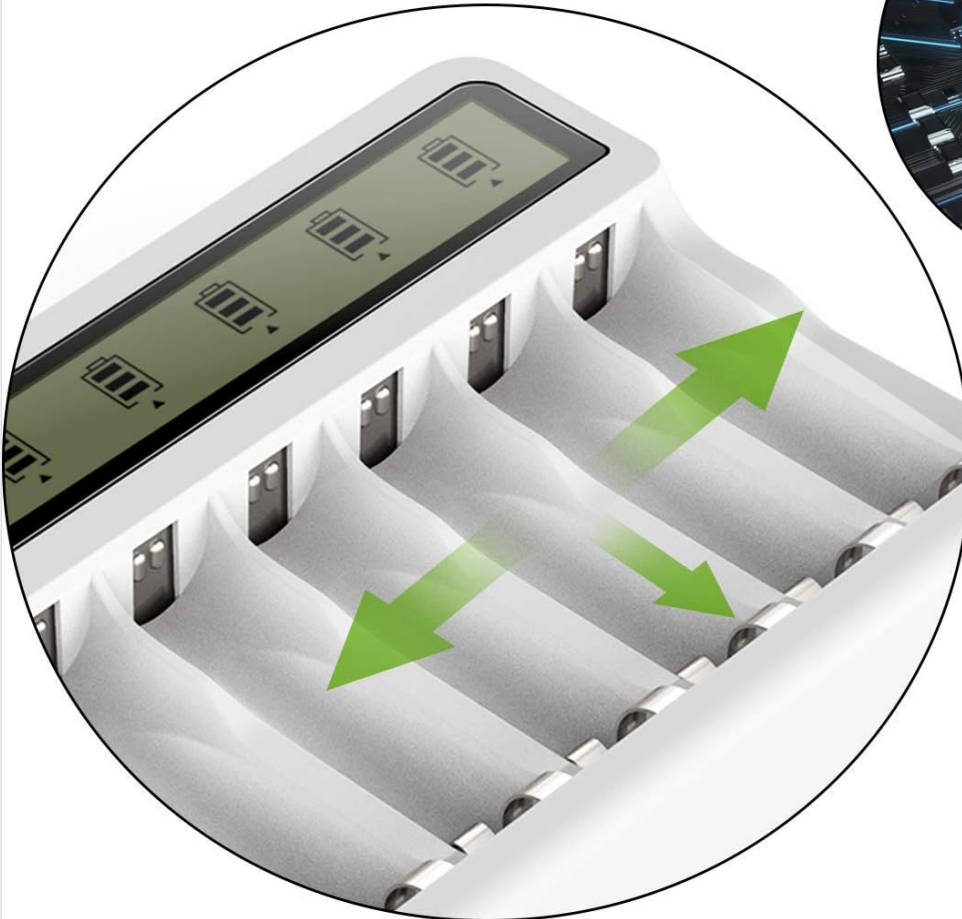


This image displays the front of the POWEROWL 8 Bay Battery Charger, highlighting its eight individual charging bays and the clear LCD screen at the top, which provides charging status for each slot.

Smart Chip Technology

Smart Chip Technology

The smart charge function allows the charger to individually charge each battery under the best conditions



The charger incorporates smart chip technology that allows it to individually manage the charging process for each battery, optimizing conditions and preventing overcharging. This ensures efficient and safe power delivery.

USB Quick Charging Capability



USB Quick Charger

8*AAA/AA 1000mAh 3-4 hours

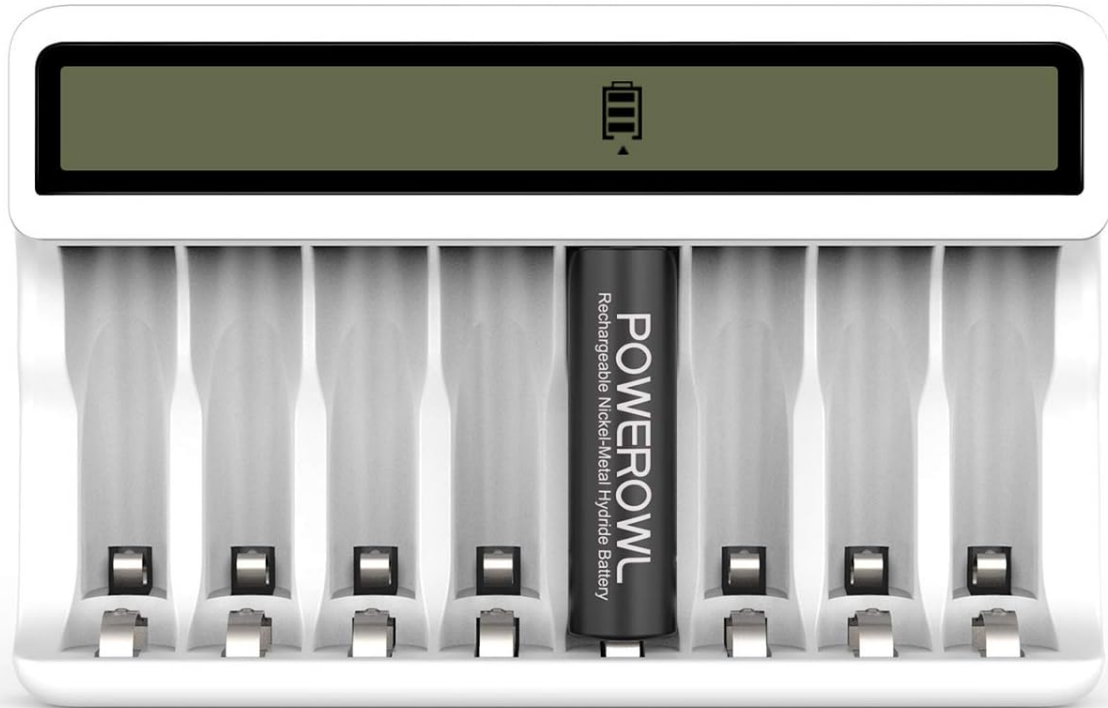


This charger supports USB quick charging, capable of fully charging 8 AA/AAA 1000mAh batteries in approximately 3-4 hours. It connects conveniently via a standard USB port.

Independent Charging Slots

Independent Charging

Support any number of AA/AAA
Rechargeable batteries for charging.

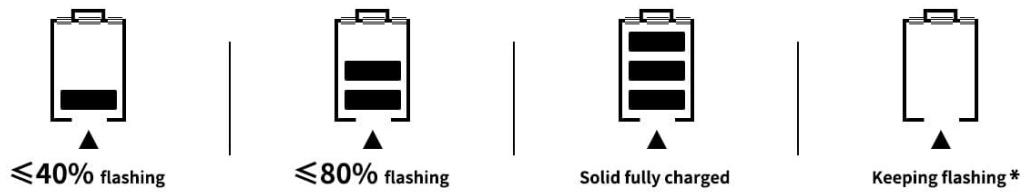


Each of the eight slots operates independently, allowing you to charge any number of AA or AAA rechargeable batteries without needing to fill all slots. This provides flexibility and convenience.

LCD Display for Charging Status

Lighted LCD Display

Intelligently Indicate the Charging Status of Each Battery



*Keep flash: Flashing for more than 15seconds, the battery is damaged
Please remove the battery immediately

The integrated LCD display intelligently indicates the charging status of each individual battery. Icons show charge levels (e.g., ≤40% flashing, ≤80% flashing, solid for fully charged) and alert for damaged batteries (keeping flashing).

Versatile USB Input Design

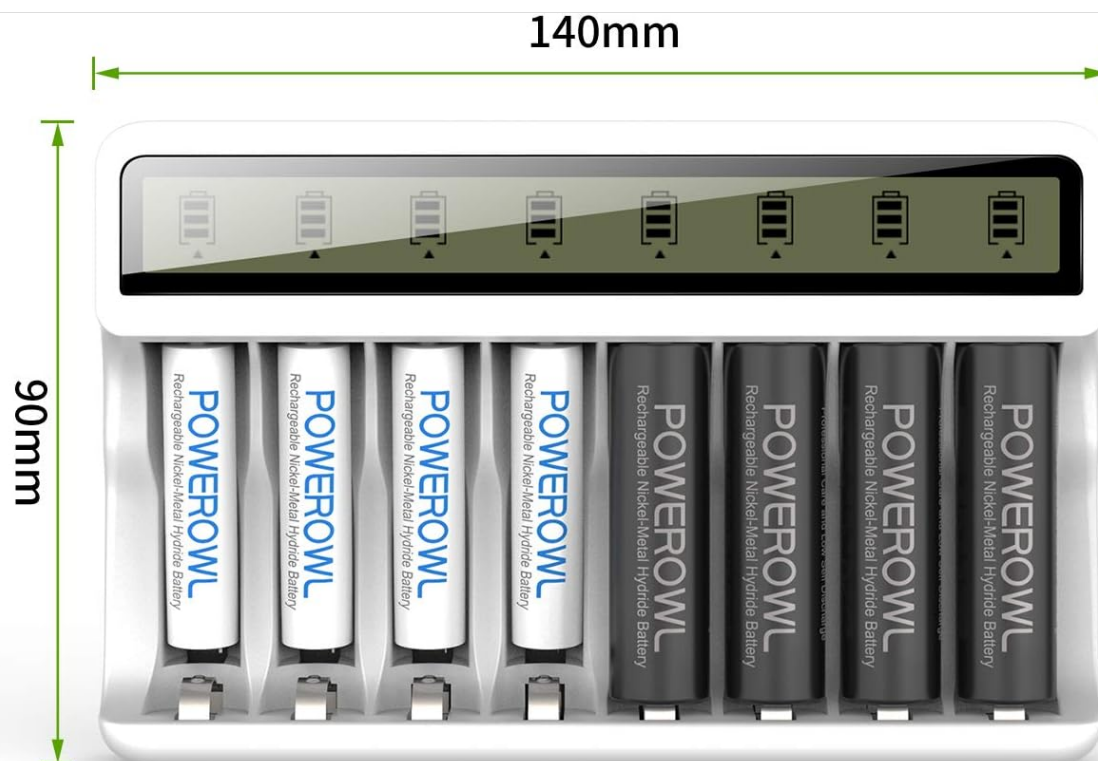
USB Input Design

The charge is suitable for all kinds of 5V power supply when charging the battery, which is convenient for your life



The charger features a convenient USB input, making it compatible with various 5V power sources including laptops, USB wall adapters, power banks, and car chargers. This enhances its portability and usability.

Dimensions and Safety Protections



Over-Charge



Over-Current



Over-Voltage



Over-Heat



Short-Circuit

The charger has compact dimensions of approximately 140mm in width and 90mm in height. It is equipped with multiple safety protections including Over-Charge, Over-Current, Over-Voltage, Over-Heat, and Short-Circuit protection to ensure safe operation.

SETUP

1. **Unpack:** Carefully remove the charger and all accessories from the packaging.
2. **Inspect:** Check the charger and USB cable for any signs of damage. Do not use if damaged.
3. **Connect Power:** Insert the micro-USB end of the provided USB cable into the charger's input port. Connect the standard USB-A end to a compatible 5V USB power source (e.g., computer USB port, USB wall adapter, power bank, or car charger).
4. **Placement:** Place the charger on a flat, stable, and well-ventilated surface away from direct sunlight, heat sources, and moisture.

OPERATING INSTRUCTIONS

Charging Batteries

1. **Insert Batteries:** Insert one or more AA or AAA Ni-MH/Ni-CD rechargeable batteries into the charging slots. Ensure the positive (+) and negative (-) ends of the batteries align correctly with the markings in the charger slots.

2. **Monitor LCD Display:** The LCD display will activate and show the charging status for each inserted battery.
- **≤40% Flashing:** Battery is charging and has less than 40% charge.
 - **≤80% Flashing:** Battery is charging and has between 40% and 80% charge.
 - **Solid Fully Charged Icon:** Battery is fully charged. The charger will automatically stop charging.
 - **Keeping Flashing (for more than 15 seconds):** Indicates a damaged or incompatible battery. Remove the battery immediately.
3. **Remove Batteries:** Once the LCD display shows a solid fully charged icon for a battery, it is ready for use. Carefully remove the charged batteries from the slots.

Trickle Charging

The charger utilizes a trickle charge method to optimize battery life and ensure a charge up to 99%. This slower charging process helps maintain battery health over time.

MAINTENANCE

- **Cleaning:** Disconnect the charger from the power source before cleaning. Use a soft, dry cloth to wipe the exterior of the charger. Do not use liquid cleaners or abrasive materials.
- **Storage:** When not in use, store the charger in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid completely draining rechargeable batteries before recharging.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not powering on / LCD not displaying.	No power connection or faulty USB cable/power source.	Ensure the USB cable is securely connected to both the charger and a working 5V USB power source. Try a different USB cable or power source.
Battery icon keeps flashing (damaged battery indicator).	Battery is damaged, non-rechargeable, or incompatible.	Remove the battery immediately. Do not attempt to charge damaged or non-rechargeable batteries. Replace with a new, compatible rechargeable battery.
Batteries not charging or charging slowly.	Incorrect battery insertion, poor contact, or battery is already full.	Ensure batteries are inserted with correct polarity (+/-). Clean battery contacts and charger terminals. Check LCD display for full charge indication.
Charger or batteries feel warm during charging.	Normal operation, or poor ventilation.	A slight warmth is normal. Ensure the charger is placed in a well-ventilated area. If excessively hot, remove batteries and unplug the charger. Contact support if overheating persists.

SPECIFICATIONS

Attribute	Detail
Brand	POWEROWL

Attribute	Detail
Model Number	ZN826E
Compatible Battery Types	Ni-MH, Ni-CD (AA, AAA)
Number of Bays	8 (Independent Charging)
Input Voltage	5V (via USB)
Output Voltage	1.4 Volts
Product Dimensions	3.54 x 5.51 x 11.04 inches (90mm x 140mm x 280mm approx.)
Item Weight	4.5 ounces (126.8 Grams)
Color	White
Manufacturer	Shenzhen Wang Xiong Digital Technology Co., Ltd.

WARRANTY AND SUPPORT

POWEROWL products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official POWEROWL website.

Online Resources:

- Official POWEROWL Store: [Visit Store](#)
- User Guide (PDF): [Download PDF](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question