

[Manuals.plus](#) /

› [POWEROWL](#) /

› POWEROWL AA 2800mAh NiMH Rechargeable Batteries Instruction Manual

POWEROWL SC2800

POWEROWL AA 2800mAh NiMH Rechargeable Batteries Instruction Manual

1. INTRODUCTION

Thank you for choosing POWEROWL AA 2800mAh NiMH Rechargeable Batteries. These high-capacity batteries are designed for long-lasting performance and are an environmentally conscious choice for powering your electronic devices. This manual provides essential information on how to set up, use, and maintain your batteries to ensure optimal performance and longevity.



Image 1: POWEROWL AA 2800mAh NiMH Rechargeable Batteries, 16-pack.

2. KEY FEATURES

- **High Capacity:** Each AA battery offers 2800mAh capacity at 1.2V, providing extended power for your devices.
- **Long Service Life:** Designed to be recharged over 1200 times, significantly reducing waste and cost compared to disposable batteries.
- **Low Self-Discharge:** These batteries retain approximately 70% of their charge even after 3 years of non-use, making them ready when you need them.
- **Environmentally Friendly:** Made with Ni-MH (Nickel-Metal Hydride) material, reducing heavy metal pollution. Since 2020, POWEROWL batteries are pre-charged at the factory using wind energy.
- **Wide Application:** Suitable for various household devices including digital cameras, toys, remote controls, handheld games, 2-way radios, PDAs, flashlights, alarm clocks, LCD-TVs, toothbrushes, shavers, and other devices requiring AA batteries.



Image 2: POWEROWL's commitment to environmental responsibility, utilizing wind energy for initial charging.

3. SETUP AND INITIAL USE

3.1 Initial Charging

For optimal performance, it is recommended to fully charge your new POWEROWL AA batteries before their first use. Batteries will reach their top performance after 3-5 full charge and discharge cycles.

1. Insert the batteries into a compatible NiMH battery charger. Ensure correct polarity (+ and - ends).
2. Connect the charger to a power source.
3. Allow the batteries to charge completely. Most chargers indicate completion with a green light.

3.2 Inserting Batteries into Devices

Always ensure the device is turned off before inserting or removing batteries. Match the positive (+) and negative (-) terminals of the battery with the corresponding markings in the device's battery compartment.



Image 3: POWEROWL AA batteries are compatible with a wide range of electronic devices.

4. OPERATING INSTRUCTIONS

POWEROWL AA rechargeable batteries are designed to function like standard AA batteries in compatible devices. They provide a stable 1.2V output, which is suitable for most devices designed for 1.5V AA batteries. For best results, use fully charged batteries.

4.1 General Usage Tips

- Do not mix new and old batteries, or batteries of different types or brands.
- Remove batteries from devices that will not be used for extended periods.
- Avoid short-circuiting the battery terminals.



Image 4: Enjoy extended playtime with POWEROWL AA batteries in your gaming controllers.

5. MAINTENANCE

5.1 Recharging

Recharge your POWEROWL AA batteries using a dedicated NiMH battery charger. The batteries can withstand over 1200 recharge cycles. Always follow the instructions provided with your battery charger.

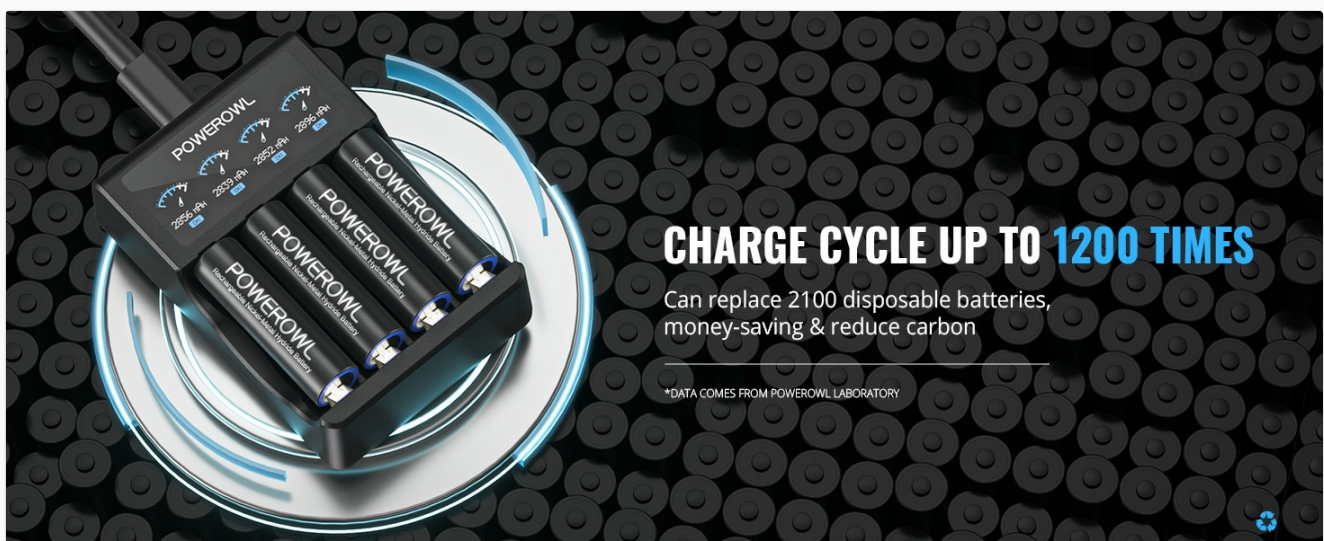


Image 5: POWEROWL batteries can be recharged over 1200 times, offering significant savings and environmental benefits.

5.2 Storage

Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is advisable to store them partially charged (around 50%). The low self-discharge rate ensures they remain usable even after extended storage periods.

5.3 Environmental Considerations

NiMH batteries are a more environmentally friendly option than alkaline batteries. When disposing of batteries, please follow local regulations for battery recycling to minimize environmental impact.

6. TROUBLESHOOTING

- **Battery Not Charging:** Ensure the batteries are inserted correctly into the charger with proper polarity. If your charger has indicator lights, a blinking red light may indicate a faulty battery.
- **Short Device Run Time:** New batteries may require 3-5 full charge/discharge cycles to reach their maximum capacity. Ensure your device is compatible with 1.2V NiMH batteries.
- **Batteries Not Fitting:** While POWEROWL AA batteries conform to standard AA dimensions, some devices with extremely tight battery compartments may experience a snug fit. Ensure the battery compartment is clean and free of obstructions.
- **Overheating During Charging:** It is normal for batteries to become slightly warm during charging. However, if they become excessively hot, discontinue charging and consult your charger's manual or contact customer support.

7. SPECIFICATIONS

Specification	Detail
Brand	POWEROWL
Model Number	SC2800
Battery Cell Composition	NiMH (Nickel-Metal Hydride)
Battery Capacity	2800 Milliampere Hour (mAh)
Voltage	1.2V
Battery Size	AA
Number of Batteries	16 (included)
Product Dimensions	6.4 x 0.8 x 8.4 inches
Item Weight	0.704 ounces
Manufacturer	SHENZHEN EPT BATTERY CO LTD
Recommended Uses	Camera, Radio, Clock, Gaming Controller, Flashlights, Shavers, Electric Toothbrush

8. WARRANTY AND SUPPORT

For any questions, concerns, or warranty claims regarding your POWEROWL AA rechargeable batteries, please contact POWEROWL customer support. Refer to the product packaging or the official POWEROWL website for the most current contact information.

