

POWEROWL AA

POWEROWL Goldtop Rechargeable AA Batteries PRO Instruction Manual

Model: AA

Brand: POWEROWL

INTRODUCTION

The POWEROWL Goldtop Rechargeable AA Batteries PRO are high-capacity 2800mAh NiMH double A batteries designed for various household equipment and high-current discharge devices. These batteries offer a long service life and are an environmentally friendly alternative to disposable batteries.

KEY FEATURES

- **New Conduction Technology:** Effectively improves transmission efficiency, reduces losses, and extends usage time.
- **High Capacity:** 2800mAh 1.2V Ni-MH AA rechargeable batteries.
- **Long Service Life:** Can be recharged over 1200 times and retains 60% power after non-use for 2 years.
- **Environmentally Friendly:** Ni-MH environmental protection material reduces heavy metal pollution.
- **Wide Application:** POWEROWL Pro series is suitable for household equipment and performs well in high current discharge devices.

SETUP AND FIRST USE

Upon receiving your POWEROWL Pro rechargeable batteries, it is recommended to fully charge them before their first use to optimize performance and battery life.

1. Insert the batteries into a compatible Ni-MH battery charger. Please note that a charger is not included with these batteries.
2. Ensure proper polarity (+ and -) when inserting the batteries into the charger.
3. Allow the batteries to charge until the charger indicates a full charge. POWEROWL Pro batteries are designed for fast charging.

CHARGE CYCLE UPTO 1200 TIMES

CAN REPLACE 2100 DISPOSABLE BATTERIES

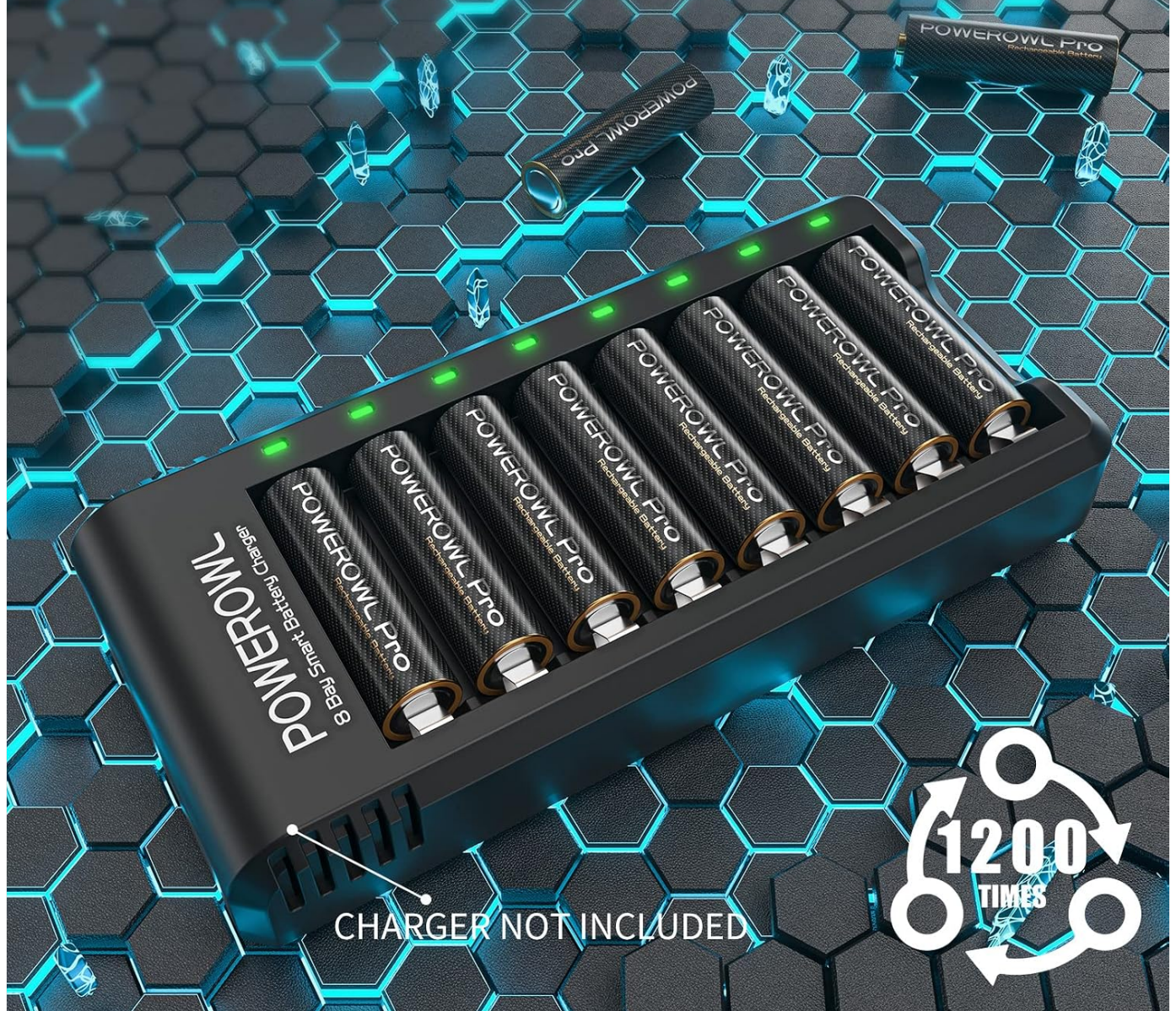


Figure 1: POWEROWL Pro batteries being charged in a compatible charger. A charger is required and sold separately.

OPERATING INSTRUCTIONS

These batteries are designed for a wide range of devices that require AA batteries. Always ensure correct polarity when inserting batteries into any device.

- Insert the POWEROWL Pro AA batteries into your electronic devices, such as remote controls, toys, cameras, clocks, and other high-drain equipment.
- Ensure the positive (+) and negative (-) terminals of the battery align with the corresponding markings in the device's battery compartment.
- For optimal performance, replace all batteries in a device at the same time.

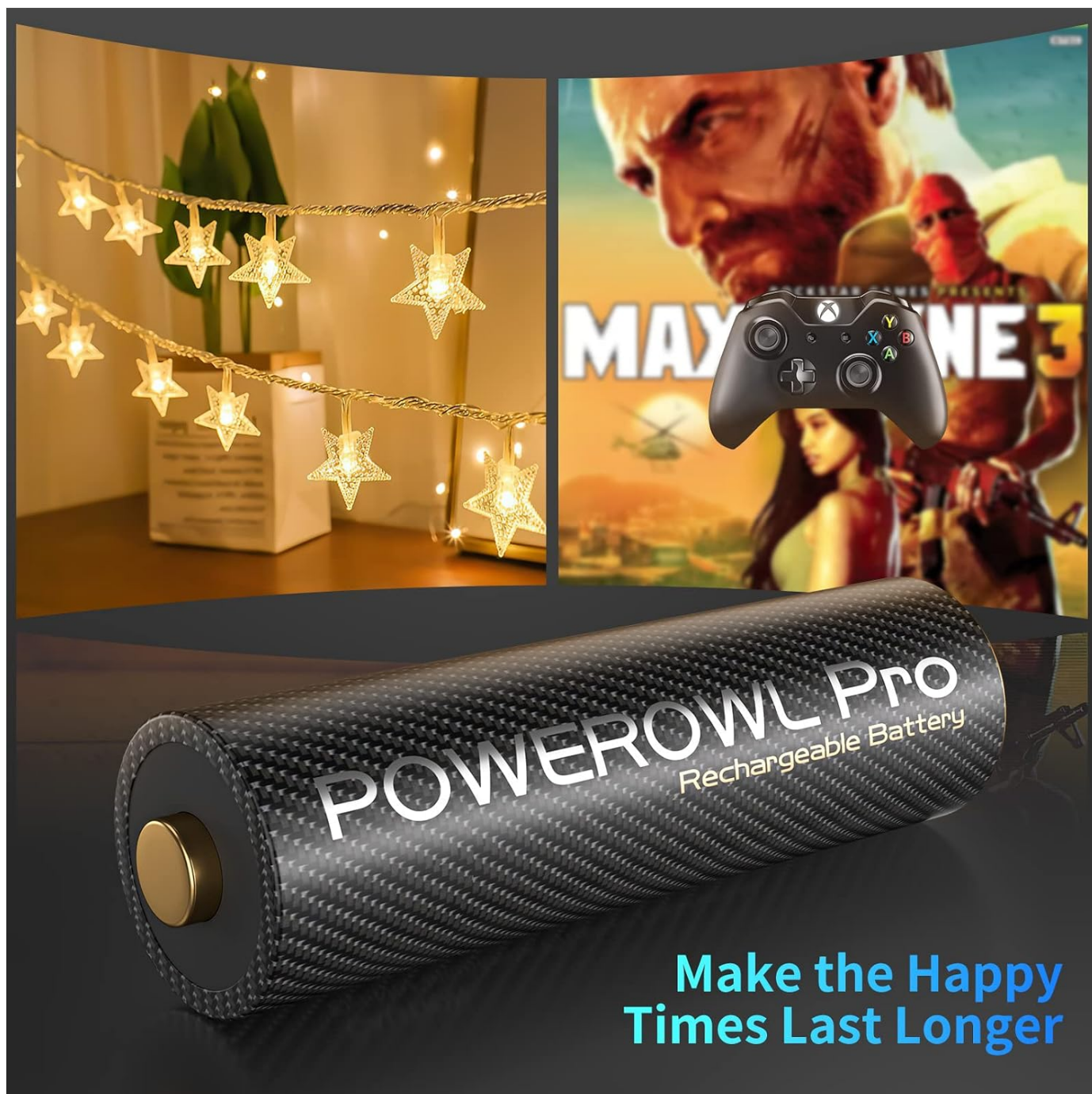


Figure 2: POWEROWL Pro batteries are suitable for various household items and toys.



Figure 3: POWEROWL Pro batteries powering an RC car.



Figure 4: POWEROWL Pro batteries are ideal for high-drain devices like camera flashes.

MAINTENANCE AND STORAGE

Proper maintenance ensures the longevity and performance of your POWEROWL Pro batteries.

- **Recharging:** Recharge batteries when they show signs of low power or when the device they are powering stops functioning. Avoid over-discharging batteries completely.
- **Storage:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is best to store them at approximately 50% charge.
- **Cleaning:** Keep battery terminals clean. Use a dry cloth to wipe off any dirt or residue.
- **Temperature Performance:** These batteries are designed to perform in a wide range of temperatures, from 24°F to 140°F (-4°C to 60°C).



PERFORMS IN EXTREME TEMPERATURES

24°F-140°F FAHRENHEIT



Figure 5: Batteries perform reliably across a wide temperature range.

TEMPERATURE CONTROL VALVE DEVICE

POWEROWL temperature control valve device, even if the temperature is higher than 70 degrees Celsius when the valve automatically opens, releasing internal gas pressure, to avoid explosion. Three large-area fan-shaped vents can quickly and smoothly discharge gas to ensure internal pressure, safe and reliable.

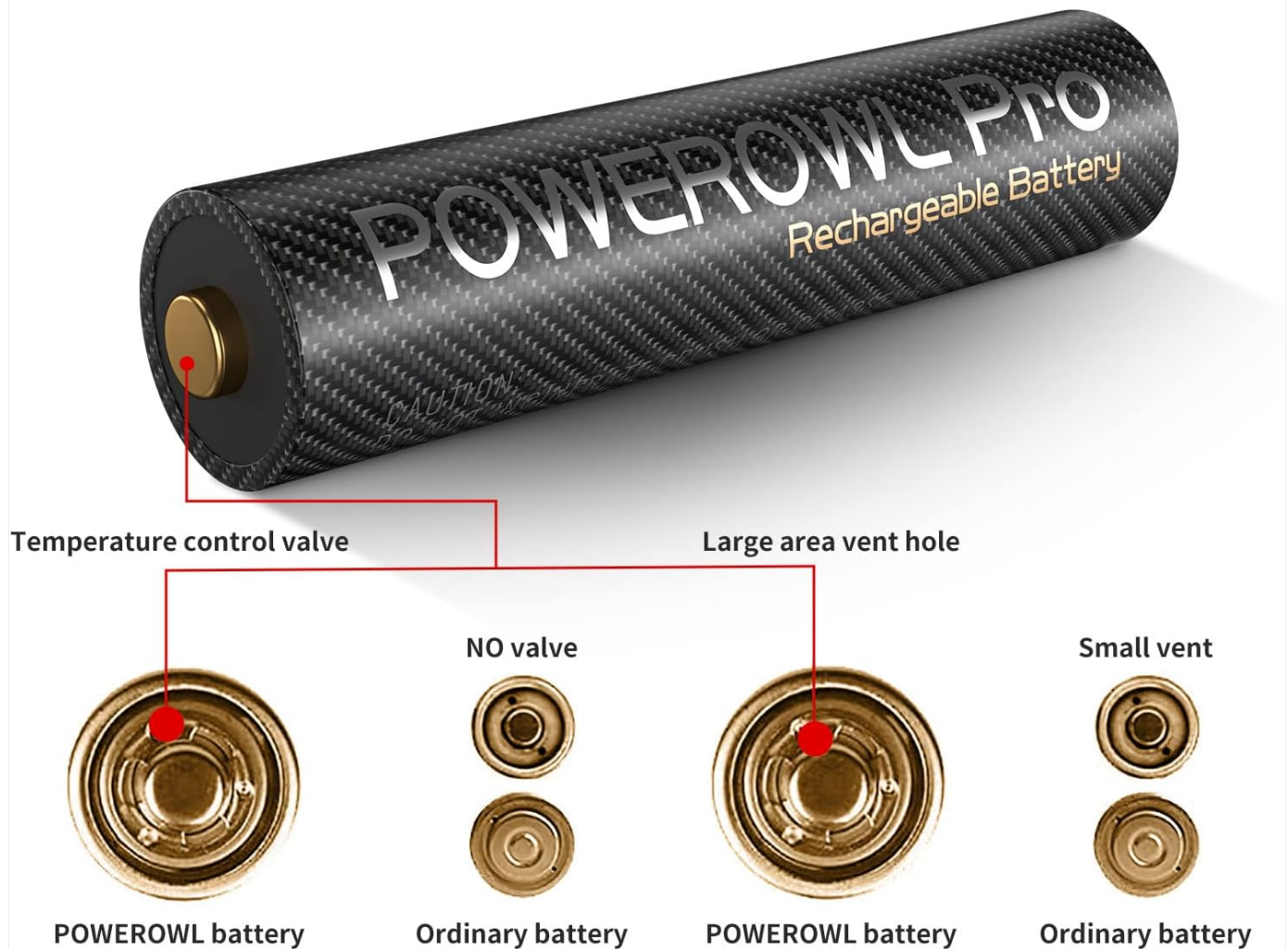


Figure 6: Advanced temperature control valve for safety and reliability.

TROUBLESHOOTING

• Battery Not Charging:

- Ensure the charger is functioning correctly and is compatible with Ni-MH batteries.
- Check that the batteries are inserted with correct polarity.
- Clean battery terminals and charger contacts with a dry cloth to ensure good connection.

• Batteries Not Holding Charge / Self-Discharging Quickly:

- While POWEROWL Pro batteries have low self-discharge, extreme temperatures or prolonged non-use can affect charge retention. Recharge as needed.
- Ensure the device itself is not drawing excessive power or has an internal short circuit.
- If issues persist after multiple charge cycles, the battery may be at the end of its lifespan.

• Batteries Do Not Fit in Device:

- POWEROWL Pro batteries are standard AA size. However, some older or specific devices may have slightly tighter battery compartments. Do not force batteries into a compartment if they do not fit easily, as this can damage the battery or device.

SPECIFICATIONS

Specification	Value
Battery Type	NiMH Rechargeable AA
Capacity	2800 mAh
Voltage	1.2V
Recharge Cycles	Over 1200 times
Power Retention	60% after 2 years (non-use)
Operating Temperature	24°F - 140°F (-4°C - 60°C)
Item Weight	7.8 ounces (for 8 batteries)
Manufacturer	POWEROWL

WARRANTY AND SUPPORT

POWEROWL is committed to providing high-quality products and customer satisfaction. While specific warranty details are not provided in this manual, POWEROWL offers responsive customer support. If you encounter any issues with your batteries, please contact POWEROWL customer service for assistance. They have been noted for providing excellent support and resolutions, including refunds when necessary.

For further assistance, please visit the official POWEROWL store on Amazon: [POWEROWL Store](#)

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