POWXS AA 1.5V

POWXS Rechargeable AA Batteries with Charger User Manual

Model: AA 1.5V

INTRODUCTION

Thank you for choosing the POWXS Rechargeable AA Batteries with Charger. This product provides a reliable and efficient power solution for a wide range of electronic devices. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your new battery and charger set to ensure optimal performance and longevity.

Image: Universal Compatibility. The POWXS rechargeable AA batteries are compatible with a wide array of devices, including security cameras, calculators, remote control cars, alarm clocks, remote controls, and lamps, providing versatile power for your daily needs.

SETUP

Before first use, please ensure all components are present and undamaged. The package includes the POWXS USB C Dual Charger and 8 x 3000mWh rechargeable lithium AA batteries.

1. **Unpack Components:** Carefully remove the charger and batteries from their packaging.

2. **Connect Charger:** Connect the USB-C cable to the charger's input port and plug the other end into a compatible USB power source (e.g., wall adapter, power bank, car charger, or solar panel). The charger supports DC 5V/2A input.

3. **Insert Batteries:** Insert the rechargeable AA batteries into the charging slots, ensuring correct polarity (+ and - ends match the markings on the charger).

Image: Charger with Batteries Inserted. This image displays the POWXS charger with eight rechargeable AA batteries properly inserted into their slots, connected via a USB-C cable, and ready for charging.

TYPE-C INPUT DESIGN POWER ANYWHERE ANYTIME

Keep your devices charged with our rechargeable batteries and portable charger, ensuring you're always connected and powered up on the go.

Adapter

Solar Panel

Power Bank

Portable Power

Car Charger

Image: Type-C Input Design. The charger features a versatile Type-C input, allowing it to be powered from various sources such as a wall adapter, solar panel, power bank, or car charger, ensuring power availability anywhere, anytime.

OPERATING INSTRUCTIONS

The POWXS charger is designed for smart and efficient charging of various battery types.

Charging Process

- Once batteries are inserted and the charger is connected to power, the smart charging system automatically detects the battery type (1.2V Ni-MH or 1.5V Li-ion) and adjusts the charging current.

- The LED indicators above each charging slot will display the charging status.

- A full charge for a 3000mWh AA battery typically takes approximately 2 hours.

Image: Fast Charging. The charger is capable of fully charging 3000mWh AA lithium batteries in approximately 2 hours, ensuring quick turnaround for your devices.

LED Indicator Guide

The charger features easy-to-understand LED indicators for each battery slot:

- **No Batteries Installed:** Blue Light On
- **Ni-MH/Ni-Cd Battery Charging:** Purple Flashing

- **Ni-MH/Ni-Cd Battery Fully Charged:** Purple Light On

- **Li-ion Battery Charging:** Green Flashing

- **Li-ion Battery Fully Charged:** Green Light On

Image: Easy-to-Understand LED Indicators. This visual guide illustrates the different states of the charger's LED indicators: blue for no battery, flashing for charging, and solid for fully charged, simplifying operation.

Image: Smart LED Easy to Read. A detailed table explaining the LED indicator states for both Ni-MH/Ni-Cd and Li-ion batteries, making it easy to monitor the charging status of each battery.

MAINTENANCE

Proper care and maintenance will extend the lifespan of your POWXS batteries and charger.

- **Cleaning:** Use a dry, soft cloth to clean the charger and batteries. Do not use abrasive cleaners or immerse in water.

- **Storage:** Store batteries and charger in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to charge batteries to about 50% capacity.

- **Cycle Life:** The batteries are designed to withstand up to 2000 charge cycles, offering a long and economical alternative to disposable batteries.

- **Environmental Endurance:** The batteries are designed to perform reliably in a wide temperature range, from -68°F to 140°F (-55°C to 60°C).

Image: Extended Lifespan. The batteries are engineered for over 2000 recharge cycles, contributing to a long operational life and reducing environmental waste.

Image: Extreme Cold Endurance. The batteries are built to withstand a wide range of temperatures, from -68°F to 140°F, making them suitable for various environments and adventures.

TROUBLESHOOTING

If you encounter issues with your POWXS charger or batteries, refer to the following common problems and solutions:

- **Batteries Not Charging:**

- Ensure the charger is properly connected to a working power source.
- Verify that batteries are inserted with correct polarity.
- Check if the battery type is supported by the charger (1.2V Ni-MH or 1.5V Li-ion).
- Inspect batteries for any physical damage.

- **LED Indicators Not Functioning:**

  - Confirm the charger is receiving power.
  - Try a different USB-C cable or power adapter.

- **Over-Charge/Over-Heat Protection:**

  - The charger is equipped with multiple protection features including over-voltage, over-current, over-heat, and short-circuit protection. If charging stops unexpectedly, it may be due to one of these safety mechanisms. Allow the charger and batteries to cool down before attempting to charge again.
  - The charger also features an auto shut-off function when charging is complete to prevent overcharging.

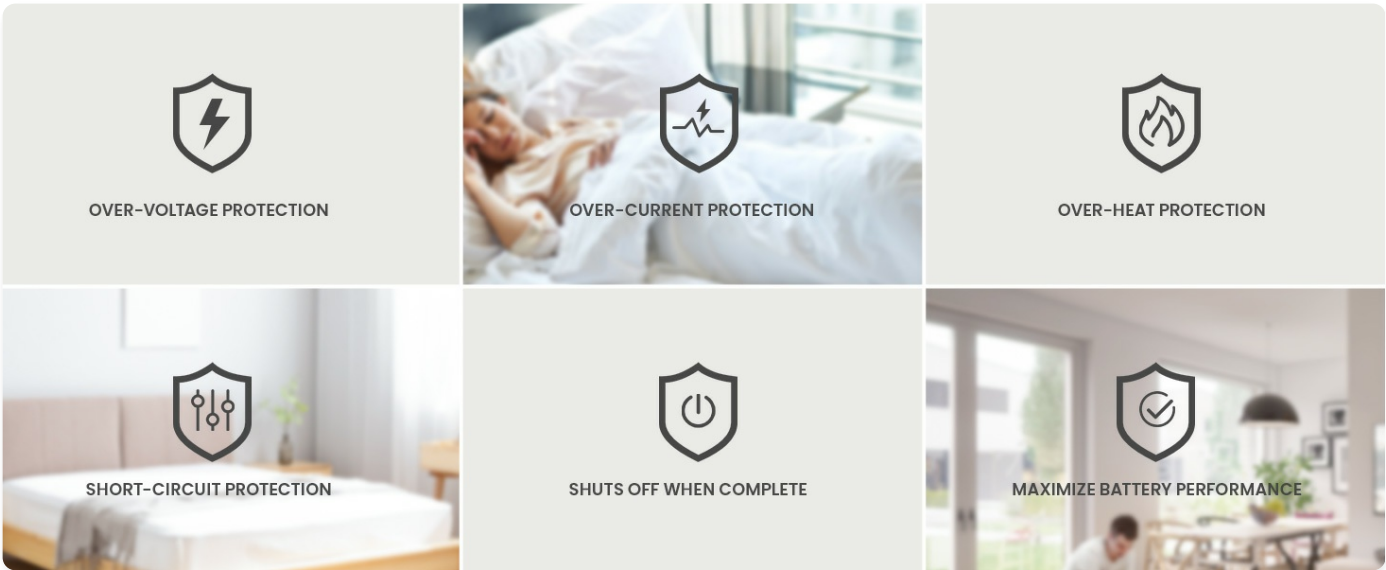|		
OVER-VOLTAGE PROTECTION	OVER-CURRENT PROTECTION	OVER-HEAT PROTECTION
SHORT-CIRCUIT PROTECTION	SHUTS OFF WHEN COMPLETE	MAXIMIZE BATTERY PERFORMANCE

Image: Comprehensive Protection. The charger incorporates multiple safety features including protection against over-voltage, over-current, over-heat, and short-circuits, ensuring safe operation and maximizing battery performance. It also automatically shuts off upon completion of charging.

SPECIFICATIONS

Feature	Detail
Brand	POWXS
Model Number	AA 1.5V
Battery Type	Rechargeable Lithium AA
Battery Capacity	3000mWh (AA)
Output Voltage	1.5 Volts (DC)
Input Voltage	5 Volts (DC)
Charger Compatibility	1.2V Ni-MH (AA/AAA), 1.5V Li-ion (AA/AAA)

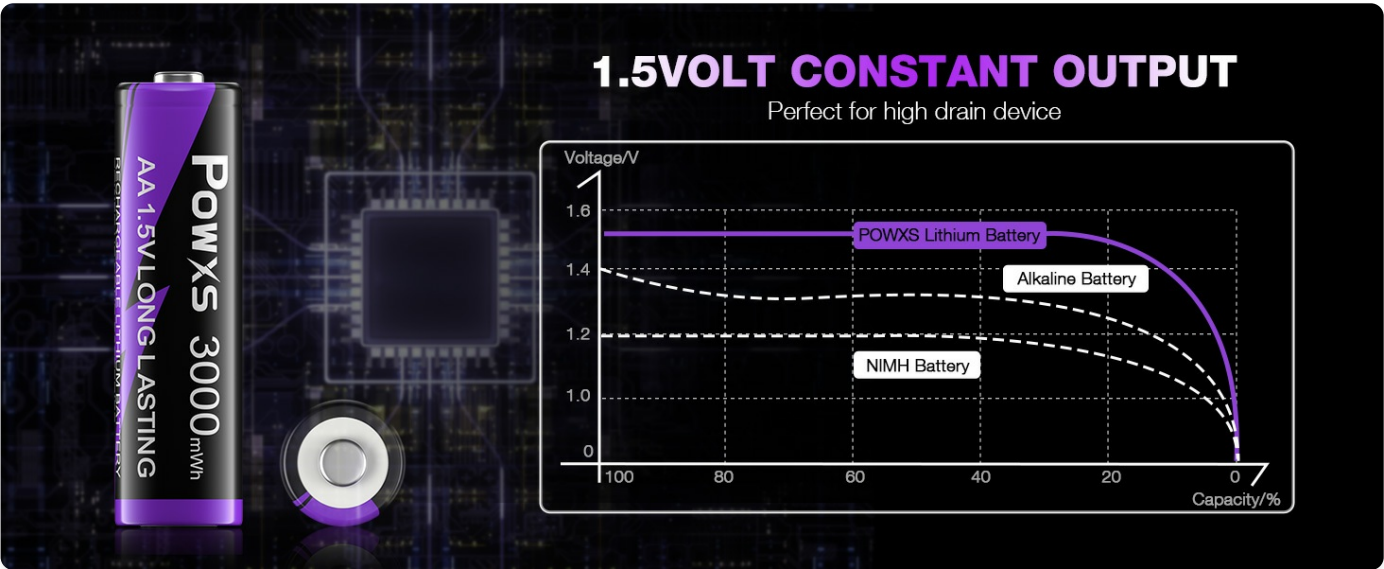| Feature	Detail
Charge Cycles	Up to 2000
Operating Temperature	-68°F to 140°F (-55°C to 60°C)
Package Dimensions	7.72 x 3.66 x 1.65 inches
Item Weight	12 ounces
Safety Certification	UL

Image: 1.5 Volt Constant Output. This graph illustrates the stable 1.5V output of POWXS Lithium Batteries throughout their discharge cycle, providing consistent power for high-drain devices compared to alkaline and NiMH batteries.

SAFETY INFORMATION

Please read and follow these safety guidelines to prevent injury or damage:

- Do not disassemble, crush, puncture, or short-circuit the batteries or charger.
- Do not expose batteries or charger to fire, high temperatures, or direct sunlight.
- Keep out of reach of children and pets.
- Use only the provided charger or a compatible 5V/2A USB power source.
- Do not mix different types of batteries or old and new batteries.
- Dispose of batteries responsibly according to local regulations.
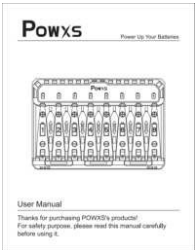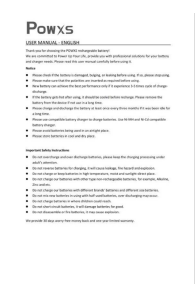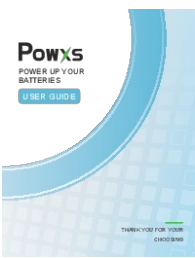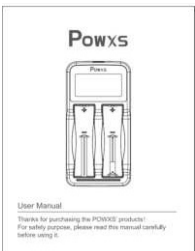
WARRANTY AND SUPPORT

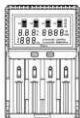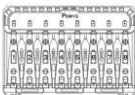POWXS is committed to providing high-quality products and excellent customer service.

- **Return Policy:** This product is eligible for a 30-day return policy. Please refer to your purchase platform for specific return instructions.
- **Limited Warranty:** The product comes with a one-year limited warranty. This warranty covers manufacturing defects and issues arising from normal use.
- **Customer Support:** For any questions, concerns, or technical assistance, please contact POWXS SHOPS directly through

your purchase platform or visit the official POWXS store.

Related Documents - AA 1.5V

	[POWXS Battery Charger User Manual](#) 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.
	[POWXS Rechargeable Battery User Manual](#) User manual for POWXS rechargeable batteries, providing important notices and safety instructions for proper usage and care.
	[Powxs SW-2 Battery Charger User Guide](#) Comprehensive user guide for the Powxs SW-2 battery charger, covering specifications, charging times, safety precautions, how to use, and warranty information.
	[POWXS Universal Battery Charger User Manual](#) User manual for the POWXS universal battery charger, detailing specifications, compatible batteries, features, usage instructions, safety precautions, and warranty information.

POWXS Battery Charger User Manual - Features, Specifications, and Safety Instructions

Comprehensive user manual for the POWXS intelligent battery charger. Learn about its features, specifications, how to use it, capacity testing, and important safety guidelines for charging Li-ion, Ni-MH, and Ni-Cd batteries.

POWXS Battery Charger User Manual

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.