

POWEROWL MY-C003

POWEROWL 8-Bay Universal Battery Charger Instruction Manual

Model: MY-C003

INTRODUCTION

Thank you for choosing the POWEROWL 8-Bay Universal Battery Charger. This intelligent charger is designed to efficiently and safely charge a wide range of rechargeable batteries, including Ni-MH, Ni-CD (AA, AAA, C, D), and specific 3.7V Li-ion types. Its advanced features ensure optimal battery life and user convenience.

KEY FEATURES

- **Universal Compatibility:** Charges Ni-MH, Ni-CD (AA, AAA, C, D), and 3.7V Li-ion (18650, 18490, 18350, 17670, 17500, 16340, 14500, 10440, 26650, 22650, 20700) batteries.
- **8 Independent Charging Slots:** Each slot charges independently, allowing for mixed battery types and sizes simultaneously.
- **Smart Chip Control:** Automatically stops charging when batteries are full, preventing overcharging and extending battery lifespan.
- **LED Indicators:** Clear indicators show charging status (charging, fully charged, damaged battery).
- **Multi-Protection Technology:** Includes over-charge, over-current, over-voltage, over-temperature, and short-circuit protection for safe operation.
- **USB Input Interface:** Conveniently powered via USB (laptop, car charger, mobile phone charger, etc.).
- **Trickle Charge:** Uses trickle charge to ensure batteries reach up to 99% capacity and maintain health.



Figure 1: Overview of the POWEROWL 8-Bay Universal Battery Charger.

Wide Compatibility

For Rechargeable Ni-MH & Lithium Batteries



Figure 2: The charger supports multiple battery types including AA, AAA, C, D, and 18650 Li-ion cells.

Independent Slot Smart Screens Indicator



Charging



Fully Charged



Battery is damaged



Figure 3: LED indicators show charging status: red for charging, green for fully charged, and blinking red for damaged batteries.

SETUP GUIDE

1. **Unpack the Charger:** Carefully remove the charger and USB cable from its packaging.
2. **Connect to Power:** Insert the Micro-USB or USB-C end of the provided cable (or your own USB-C cable) into the corresponding port on the back of the charger.
3. **Connect to Power Source:** Plug the USB-A end of the cable into a compatible USB power source (e.g., computer USB port, USB wall adapter, power bank, car charger). The charger's LED indicators will briefly light up upon successful connection.

Two Different Charging Ways - More Convenient

Various charging options are available,
improving adaptability to different cables



Figure 4: The charger features both USB-C and Micro-USB input ports for versatile power connection.



Figure 5: The charger can be conveniently powered by various USB sources, such as a laptop.

OPERATING INSTRUCTIONS

1. **Insert Batteries:** Place rechargeable batteries into any of the 8 independent charging slots. Ensure correct polarity (+ and - ends) as indicated on the charger and battery.
2. **Monitor Charging Status:** The LED indicator above each slot will illuminate red to indicate that the battery is currently charging.
3. **Full Charge Indication:** Once a battery is fully charged, its corresponding LED indicator will turn green. The smart chip control will automatically stop charging to prevent overcharging.
4. **Damaged Battery Detection:** If a damaged or non-rechargeable battery is inserted, the corresponding LED indicator will blink red. Remove such batteries immediately.
5. **Remove Batteries:** Once charging is complete (green light), remove the batteries from the charger. Do not use the charger slots for long-term battery storage.

CARE AND MAINTENANCE

- **Cleaning:** Disconnect the charger from the power source before cleaning. Use a soft, dry cloth to wipe the surface. Do not use abrasive cleaners or immerse the charger in water.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and moisture when not in use.
- **Handling:** Avoid dropping the charger or subjecting it to strong impacts.

TROUBLESHOOTING

Issue	Possible Cause	Solution
LED indicator not lighting up.	No power connection or faulty cable.	Ensure USB cable is securely connected to both charger and power source. Try a different USB port or cable.
LED indicator blinking red.	Damaged or non-rechargeable battery inserted.	Remove the battery from the slot. Replace with a known good rechargeable battery.
Battery not charging fully.	Battery is old or degraded; low power input.	Try a different, higher-power USB adapter (e.g., 5V/2A). Consider replacing old batteries.
Charger feels warm during operation.	Normal during charging process.	This is normal. Ensure adequate ventilation around the charger. If it becomes excessively hot, disconnect immediately.

TECHNICAL SPECIFICATIONS

Attribute	Value
Model Number	MY-C003
Input	DC 5V 2A
Output Voltage	5 Volts
Compatible Battery Types	Ni-MH/Ni-CD (AA, AAA, C, D), 3.7V Li-ion (18650, 18490, 18350, 17670, 17500, 16340, 14500, 26650, 22650, 20700)
Product Dimensions	0.59 x 3.15 x 1.97 inches
Item Weight	8.5 ounces
Manufacturer	Shenzhen Yameiyuan Technology Co., Ltd.

IMPORTANT SAFETY WARNINGS

- Please read the manual before use.
- This charger only charges cylindrical Ni-MH/Ni-CD and Li-ion batteries.
- Please remove the battery after charging; the battery slot cannot be used as a storage battery when the charger is not in use.
- Do not let children use the charger alone.
- Do not put in water or fire and keep dry.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact POWEROWL customer service directly. You can also visit the official [POWEROWL Store on Amazon](#) for more details and contact options.

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