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› BONAI 16-Bay AA AAA Battery Charger Instruction Manual

## BONAI MY-C006

# BONAI 16-Bay AA AAA Battery Charger Instruction Manual

Model: MY-C006

## 1. INTRODUCTION

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Thank you for choosing the BONAI 16-Bay AA AAA Battery Charger. This manual provides essential information for the safe and efficient use of your new charger. Please read it thoroughly before operation and retain it for future reference. This charger is designed to charge NiMH and NiCD rechargeable batteries of AA and AAA sizes.



Image 1.1: The BONAI 16-Bay AA AAA Battery Charger, showcasing its compact design and included power cord.

## 2. PRODUCT OVERVIEW AND FEATURES

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The BONAI 16-Bay Charger is engineered for convenience and safety, allowing you to charge up to 16 AA or AAA NiMH/NiCD batteries simultaneously. Its intelligent design ensures optimal charging performance and battery longevity.

### Key Features:

- **16 Independent Charging Bays:** Each bay operates independently, allowing you to charge any quantity of AA or AAA NiMH/NiCD batteries without needing to pair them or fill all slots.
- **Smart LED Indicators:** Individual LED lights for each bay provide clear charging status (Red for charging, Green for fully charged, Flashing Red for defective battery).
- **Wide Voltage Compatibility:** Compatible with 110V to 240V AC input, making it suitable for international use with the appropriate plug adapter.
- **Comprehensive Safety Protections:** Built-in safeguards against overcharging, overvoltage, overcurrent, overheating, short-circuit, and reverse-polarity.
- **Silent Operation:** Designed to operate without emitting any buzzing sounds.

# Smart LED Indicator

Be free to charge any number of AA AAA NiMH NiCD rechargeable batteries  
\*\*\*Batteries does not included

		
Charging	Fully Charged	Red flashing: Alkaline or Lithium battery can't be charged/Defective battery or slot

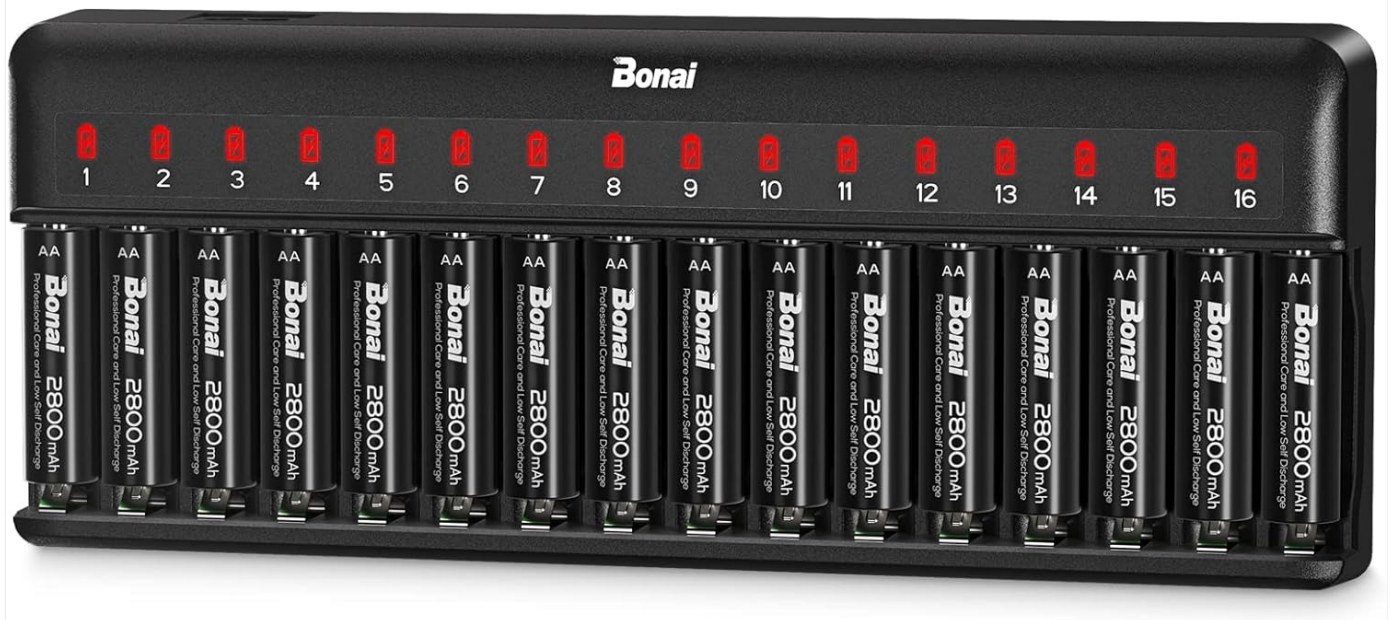


Image 2.1: Diagram illustrating the smart LED indicators for charging status.

# Independent Control

Not necessarily to charge in pairs



Image 2.2: The independent control feature, highlighting that batteries do not need to be charged in pairs.



Image 2.3: Visual representation of the multiple safety protections integrated into the charger.

### 3. SETUP

Setting up your BONAI charger is straightforward.

1. **Unpack:** Carefully remove the charger and its power cord from the packaging.
2. **Connect Power:** Insert the included AC power cord into the DC input port on the back of the charger.
3. **Plug In:** Plug the other end of the AC power cord into a standard American 110-240V wall outlet.
4. **Initial Indicator Check:** Upon plugging in, the LED lights on all empty ports will cycle and then turn solid green, indicating that the charger is powered and ready.



Image 3.1: The detachable charging cord for easy setup and storage.

## 4. OPERATING INSTRUCTIONS

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Follow these steps to charge your batteries safely and effectively.

### Charging Batteries:

1. **Insert Batteries:** Carefully insert AA or AAA NiMH/NiCD rechargeable batteries into any of the 16 charging bays, ensuring correct polarity (+ and - ends match the markings in the bay).
2. **Monitor LED:** The LED light for the inserted battery's slot will turn solid red, indicating that charging has begun.
3. **Charging Completion:** Once a battery is fully charged, its corresponding LED light will turn solid green.
4. **Remove Batteries:** Remove the charged batteries from the charger.

**Important Note:** This charger is designed exclusively for NiMH and NiCD rechargeable batteries. **DO NOT attempt to charge alkaline or lithium batteries**, as this can cause damage to the batteries, the charger, or pose a safety risk. If an incompatible or defective battery is inserted, the red light for that slot will flash.



Image 4.1: The charger in operation, demonstrating the LED indicators for charging and fully charged states.

# Widely Used



Image 4.2: Examples of common devices that utilize AA and AAA batteries, highlighting the charger's versatility.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your charger.

- **Cleaning:** Disconnect the charger from the power outlet before cleaning. Use a soft, dry cloth to wipe the surface. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the charger in a cool, dry place away from direct sunlight and moisture.
- **Ventilation:** Ensure the charger is placed in a well-ventilated area during operation. Do not cover it, as it is normal for the charger to become warm during charging.
- **Indoor Use Only:** This charger is designed for indoor use only. Avoid exposure to outdoor elements.



Image 5.1: Illustration of the charger's heat dissipation design.



Image 5.2: Reminder that the charger is for indoor use only.

## 6. TROUBLESHOOTING

If you encounter issues with your charger, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
LED light flashes red.	Incompatible battery (alkaline/lithium) or defective battery.	Remove the battery. Ensure you are only charging NiMH/NiCD rechargeable batteries. Replace defective batteries.
Battery not charging (LED remains green or off).	Battery already fully charged, incorrect polarity, or poor contact.	Check battery polarity. Ensure battery is seated correctly. If already green, battery is charged.
Charger feels warm during operation.	Normal operation.	This is normal. Ensure adequate ventilation and do not cover the charger.



Image 6.1: The charger's ability to auto-detect and indicate a defective battery.

## 7. SPECIFICATIONS

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Detailed technical specifications for the BONAI 16-Bay AA AAA Battery Charger.

**Model Number:** MY-C006

**Input Voltage:** 100-240V AC, 0.5A (max)

**Output Voltage:** 1.4V DC

**Output Current:** 250-500mA (per slot)

**Compatible Battery Types:** NiMH, NiCD (AA, AAA)

**Product Dimensions:** 9.8 x 4 x 1.2 inches (24.9 x 10.2 x 3.0 cm)

**Item Weight:** 12.6 ounces (357.2 grams)

**Color:** Black

**Manufacturer:** Shenzhen Yameiyuan Technology Co., Ltd

**Date First Available:** December 20, 2021



Image 7.1: Detailed dimensions and weight of the charger.

## 8. WARRANTY AND SUPPORT

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

- **Warranty:** The BONAI 16-bay battery charger comes with a 12-month guarantee from the date of purchase.
- **Customer Service:** For any questions, concerns, or support needs, please do not hesitate to contact BONAI customer

service. We offer 24/7 customer support to assist you.

For more information and support, please visit the official BONAI store or contact our customer service team.

**BONAI Store:** <https://www.amazon.com/stores/BONAI/page/DB91A524-D667-4B35-AA40-1391CAFA2F1E>

