

Amazon Basics HFR-AA2000-HPTCH0033

Amazon Basics 4-Bay Ni-MH Battery Charger with AA Rechargeable Batteries - Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Amazon Basics 4-Bay Ni-MH Battery Charger. Please read these instructions thoroughly before use and retain for future reference.

2. PRODUCT OVERVIEW

The Amazon Basics 4-Bay Battery Charger is designed for Ni-MH rechargeable batteries, supporting both AA and AAA sizes. It includes four AA 2000mAh rechargeable batteries.

Key Features:

- **4-Bay Design:** Charges up to four AA or AAA Ni-MH batteries simultaneously.
- **LED Light Indicators:** Provides clear status updates for each charging bay.
- **Intelligent Charging:** Features battery detection technology to prevent wrong polarity, overheating, and overcharging. Switches to trickle charge when batteries are full.
- **Fast-Charging:** Capable of fully charging 2 AA batteries within 3.5 hours, 4 AA within 7 hours; 2 AAA within 2 hours, and 4 AAA within 4 hours.
- **Travel-Friendly:** Slim, lightweight design with a foldable Type A (American) plug.



Image 1: Amazon Basics 4-Bay Battery Charger with included AA rechargeable batteries.

Safe & Smart Design

Helps extend battery life and performance



Image 2: Side view of the charger highlighting its foldable plug and intelligent safety features like polarity detection and overcharge prevention.

3. SAFETY INFORMATION

- Use only Ni-MH specific chargers with independent charging channels and voltage monitoring.
- Avoid timer-only chargers.
- Never use chargers designed for other battery types (e.g., NiZn or Li-ion), as this may cause damage or leakage.
- Verify device compatibility with 1.2V Ni-MH batteries.
- Ni-MH batteries are slightly larger than alkaline batteries; ensure proper fit.
- Replace all batteries simultaneously in a device for optimal performance.
- Consult the device manual for specific battery requirements.
- Do not expose the charger or batteries to extreme temperatures or moisture.

4. SETUP

The Amazon Basics 4-Bay Battery Charger is designed for plug-and-play convenience. No complex setup is required.

1. Ensure the charger's foldable plug is extended.
2. Plug the charger directly into a standard Type A (American) wall outlet.



Image 3: The charger plugged into a wall outlet, ready for use.

5. OPERATING INSTRUCTIONS

Inserting Batteries:

Insert 1 to 4 AA or AAA Ni-MH rechargeable batteries into the charging bays, ensuring correct polarity (+/-) as indicated on the charger and batteries.

LED Indicator Guide:

The charger features individual LED indicators for each battery bay to communicate charging status.

| Status | Description |
|--------|-------------|
|--------|-------------|

| Status | Description |
|---------------------------------------|--|
| Power on and quick diagnosis: | When connected to the power supply, all 4 LEDs will light up sequentially, followed by a single simultaneous flash. This occurs regardless of whether a battery is inserted or not. |
| Charging (Slow blinking): | Slow blinking (one flash per second) indicates the battery in the port is charging. |
| Battery charged (Solid white): | Solid white (no blinking) indicates the battery in the port is fully charged. To prevent overcharging, the charger will automatically switch to a protection mode after a set period, during which the LED indicator stays on without any change. |
| Errors (Fast blinking): | Fast blinking (two flashes per second) indicates a damaged battery or a non-rechargeable alkaline battery is in the port. Immediately remove the battery or unplug the charger. This fast blinking can also occur with old rechargeable batteries after hundreds of charge cycles over several years, especially if the battery voltage exceeds 1.5V after charging. |

LED Operation Guide

| Status | Description |
|--|--|
| Power on and quick diagnosis: | When connected to the power supply, all 4 LEDs will light up 1 by 1 and then flash together once |
| Charging: (Slow blinking) | Slow blinking (one flash per second) indicates the battery in the port is charging |
| Battery charged: (Solid white) | Solid white (no blinking) indicates the battery in the port is fully charged |
| Errors: (Fast blinking) | Fast blinking (two flashes per second) indicates a damaged battery or non-rechargeable alkaline battery is in the port |

Image 4: Visual guide to the LED indicators and their meanings.

Official Product Video: How to Use

Video 1: This official video from Amazon Product Imaging demonstrates the basic operation and usage of the Amazon Basics 4-Bay Battery Charger, including inserting batteries and understanding LED indicators.

6. CHARGING TIMES

- **1-2 AA Ni-MH batteries (2000 mAh):** Fully charged in 3.5 hours.
- **3-4 AA Ni-MH batteries (2000 mAh):** Fully charged in 7 hours.
- **1-2 AAA Ni-MH batteries (800 mAh):** Fully charged in 2 hours.
- **3-4 AAA Ni-MH batteries (800 mAh):** Fully charged in 4 hours.



Image 5: The charger and batteries, emphasizing long battery life and low self-discharge.

7. BATTERY TIPS (Ni-MH)

- Verify device compatibility with 1.2V Ni-MH batteries.
- Runtime may be shorter than 1.5V alkaline batteries in some devices.
- Ni-MH batteries are slightly larger than alkaline batteries; check for proper fit to comply with IEC standards.
- Replace all batteries simultaneously in a device for consistent performance.
- Consult the device manual for specific battery requirements.
- Pre-charged and ready-to-use rechargeable batteries can be recharged up to 1000 times.
- Batteries maintain 80% capacity for up to 12 months due to low self-discharge.

8. CHARGER TIPS

- Use only Ni-MH specific chargers.
- Ensure the charger has independent charging channels and voltage monitoring to prevent overcharging or undercharging.
- Avoid chargers that rely solely on timers.

- Never use chargers designed for other battery chemistries (e.g., NiZn or Li-ion) as this can cause damage or leakage.

9. MAINTENANCE

To ensure the longevity and optimal performance of your charger and batteries:

- Keep the charger and batteries clean and dry.
- Avoid exposing them to direct sunlight, high temperatures, or humid environments.
- Store batteries in a cool, dry place when not in use.
- Periodically inspect the charger and batteries for any signs of damage or leakage.

10. TROUBLESHOOTING

LED is fast blinking:

This indicates an error. Possible causes include:

- A defective or damaged battery.
- A non-rechargeable alkaline battery inserted.
- An old rechargeable battery that has exceeded its useful life or has a voltage exceeding 1.5V after charging.

Action: Immediately remove the problematic battery or unplug the charger. Replace defective batteries with new Ni-MH rechargeable ones.



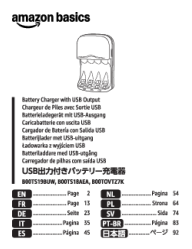
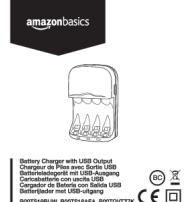

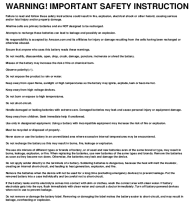
11. SPECIFICATIONS

| Feature | Detail |
|----------------------|-----------------------------|
| Product Dimensions | 1.08 x 2.71 x 4.82 inches |
| Item Weight | 3.52 ounces (0.1 Kilograms) |
| Model Number | HFR-AA2000-HPTCH0033 |
| Brand | Amazon Basics |
| Color | Black |
| Output Voltage | 1.2 Volts |
| Input Voltage | 120 Volts |
| Date First Available | August 6, 2024 |

12. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official Amazon Basics website. Keep your purchase receipt for warranty claims.

Related Documents - HFR-AA2000-HPTCH0033

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|---|--|
|  | <p>Amazon Basics High-Capacity NiMH AAA Rechargeable Batteries</p> <p>Safety instructions, warnings, and disposal guidelines for Amazon Basics High-Capacity NiMH AAA Rechargeable Batteries. Learn how to use, store, and dispose of these batteries safely.</p> |
|  | <p>Amazon Basics AA Rechargeable Batteries: Safety, Usage, and Warranty Information</p> <p>Comprehensive guide to Amazon Basics AA rechargeable batteries, covering safety precautions, proper usage, battery disposal, and warranty details. Ensure safe and optimal performance.</p> |
|  | <p>Amazon Basics Battery Charger with USB Output User Manual</p> <p>User manual for the Amazon Basics Battery Charger with USB Output, detailing safety, features, operation, specifications, and disposal for AA/AAA Ni-MH rechargeable batteries.</p> |
|  | <p>Amazon Basics Battery Charger with USB Output User Manual</p> <p>User manual for the Amazon Basics Battery Charger with USB Output, detailing features, operation, safety precautions, and specifications for charging AA and AAA Ni-MH rechargeable batteries.</p> |
|  | <p>Amazon Basics USB Battery Charger Pack User Manual</p> <p>This document provides comprehensive instructions and safety guidelines for the Amazon Basics USB Battery Charger Pack, covering its features, operation, specifications, and disposal.</p> |
|  | <p>AmazonBasics AA Alkaline Battery Safety Instructions</p> <p>Comprehensive safety guidelines for AmazonBasics AA alkaline batteries. Learn about proper handling, storage, charging warnings, disposal, and risks of misuse to prevent injury and property damage.</p> |