

## DLYFULL U8-Black

# Dlyfull U8-Black 8-Bay AA AAA Ni-MH Ni-CD Battery Charger Instruction Manual

Model: U8-Black

## 1. INTRODUCTION

The Dlyfull U8-Black is an 8-bay battery charger designed for 1.2V Ni-MH and Ni-CD rechargeable AA and AAA batteries. It features independent charging slots, USB-C input for high-speed charging, and multiple safety protections to ensure efficient and secure battery charging.



Image 1.1: Front view of the Dlyfull U8-Black 8-Bay AA AAA Battery Charger.

## 2. WHAT'S INCLUDED

Upon opening the package, please verify that all items listed below are present:

- Dlyfull U8-Black 8-Bay AA AAA Battery Charger
- USB-C Cable (Note: Power adapter is not included)
- User Manual

# WHAT YOU WILL GET



**1\*PACKAGING BOX**

**1\*U8 CHARGER**

**1\*USB-C CABLE**

**1\*USER MANUAL**

Image 2.1: Package contents including the charger, USB-C cable, and user manual.

## 3. SETUP INSTRUCTIONS

1. **Connect the Charger:** Connect the provided USB-C cable to the charger's input port. Connect the other end of the USB-C cable to a compatible 5V/2A USB power adapter (not included). The charger will perform a self-check, and the LED indicators will briefly light up.

# USB-C INPUT DESIGN

A MORE CONVENIENT,  
DURABLE WAY TO CHARGE



Image 3.1: The USB-C input port on the Diyfull U8-Black charger, highlighting its reversible design for convenient connection.

2. **Insert Batteries:** Insert 1.2V Ni-MH or Ni-CD AA or AAA rechargeable batteries into the charging slots. Ensure correct polarity (+ and -) as indicated on the charger and batteries. The charger features 8 independent slots, allowing you to charge any number of batteries (from 1 to 8) simultaneously without interference.



Image 3.2: The Diyfull U8-Black charger with various AA and AAA batteries inserted into its independent charging slots.

## 4. OPERATING INSTRUCTIONS

The Dlyfull U8-Black charger is designed for ease of use with intelligent indicators and automatic functions.

### 4.1 LED Indicator Status

Each charging slot has a dedicated LED indicator to show the battery's charging status:

- **Red Light:** Indicates that the battery is currently charging.
- **Green Light:** Indicates that the battery is fully charged.
- **Flashing Red/Green Light:** Indicates a bad battery or a non-rechargeable battery has been inserted. The charger will automatically stop charging in this situation.



Image 4.1: Visual representation of the LED indicator states: Red for charging, Green for fully charged, and flashing for error.

### 4.2 Smart Auto-Cutoff and Maintenance

Once a battery reaches full charge (indicated by a steady green light), the charger automatically stops the main charging process. It then delivers a 2-hour smart pulse maintenance charge to optimize battery health and longevity. After this maintenance period, the indicator light for that slot will turn off, signifying that the battery is ready for use and the charging process is complete.



# SMART AUTO-CUTOFF

AFTER FULL CHARGE (GREEN LIGHT), AUTOMATICALLY  
DELIVERS 2-HOUR SMART PULSE MAINTENANCE  
TO KEEP BATTERY HEALTHY



Image 4.2: Illustration of the smart auto-cutoff feature, showing the transition from green light (full charge) to indicator off (charging stopped after maintenance).

## 5. SAFETY FEATURES

The Dlyfull U8-Black charger incorporates multiple safety mechanisms to protect both the batteries and the user:

- **Overheating Protection:** Monitors the charger's temperature and prevents overheating.
- **Overcurrent Protection:** Safeguards against excessive current flow.
- **Short Circuit Protection:** Automatically cuts off power in case of a short circuit.
- **Non-Rechargeable & Defective Battery Detection:** Identifies and prevents charging of incompatible or faulty batteries, indicated by a flashing red/green light.
- **Constant Voltage Charging Mode:** Utilizes advanced charging algorithms (e.g.,  $-\Delta V$ ,  $0\Delta V$ , maximum voltage, maximum time) to ensure safe and complete charging.

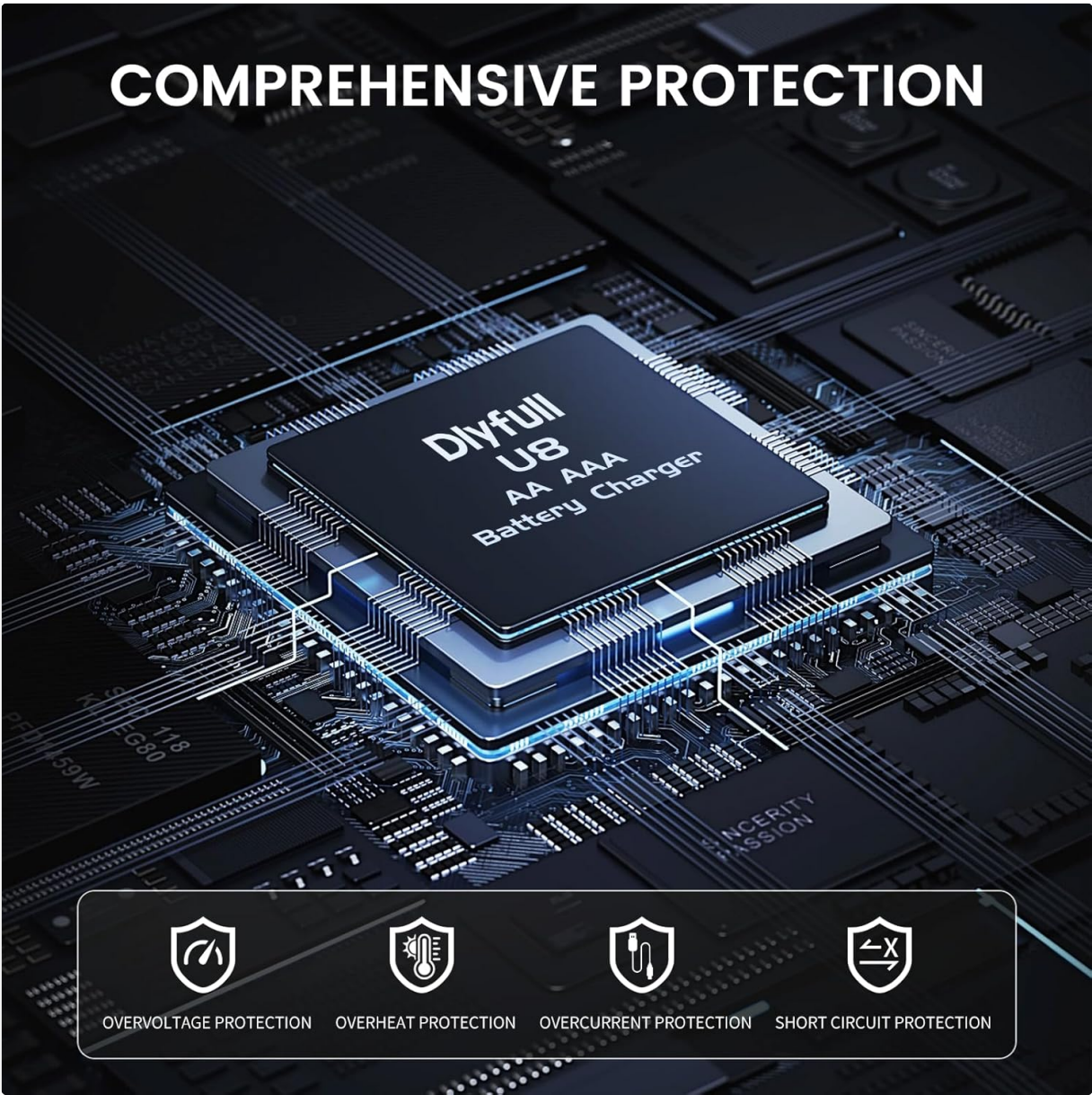


Image 5.1: Diagram illustrating the comprehensive safety protections integrated into the Diyfull U8-Black charger.

## 6. MAINTENANCE

- Keep the charger clean and dry. Avoid exposure to moisture or extreme temperatures.
- Do not attempt to disassemble or modify the charger.
- Store the charger and batteries in a cool, dry place when not in use.
- Regularly inspect the USB-C cable for any signs of damage.

## 7. TROUBLESHOOTING

Problem	LED Indicator	Possible Cause	Solution
Battery not charging	Flashing Red/Green	Non-rechargeable or defective battery; incorrect polarity.	Ensure only 1.2V Ni-MH/Ni-CD batteries are used. Check battery polarity. Replace defective batteries.

Problem	LED Indicator	Possible Cause	Solution
Charger not powering on	No lights	No power supply; faulty USB-C cable or adapter.	Check power connection. Try a different USB power adapter (5V/2A recommended) or USB-C cable.
Slow charging	Red Light	Low current power adapter.	Ensure your USB power adapter provides at least 5V/2A output for optimal charging speed.

## 8. SPECIFICATIONS

- **Model:** U8-Black
- **Input:** DC 5V/2A
- **Output:** DC 1.2V (AA: 300mA\*8, AAA: 300mA\*8)
- **Compatible Battery Types:** 1.2V Ni-MH, Ni-CD AA/AAA rechargeable batteries
- **Product Dimensions:** 3.3 x 5.3 x 1 inches (8.38 x 13.46 x 2.54 cm)
- **Item Weight:** 5 ounces (141.75 grams)
- **Color:** Black
- **Certifications:** CE, ROHS, FCC

## 9. WARRANTY AND SUPPORT

The Dlyfull U8-Black Battery Charger comes with a **12-month warranty**. For any inquiries or assistance, please contact Dlyfull customer service. We offer **lifetime 24-hour friendly customer service** to ensure your satisfaction.

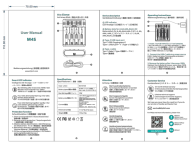
For further support, please visit the official Dlyfull store:[Dlyfull Store on Amazon](#)

## 10. OFFICIAL PRODUCT VIDEO


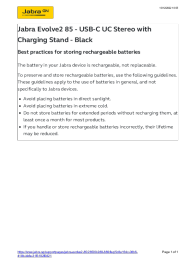


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Video 10.1: An official product video demonstrating the Dlyfull U8-Black 1.2V Ni-MH Battery Charger for AA and AAA batteries, showcasing its features and operation.

### Related Documents - U8-Black

	<p><a href="#">Dlyfull M4S Battery Charger User Manual</a></p> <p>User manual for the Dlyfull M4S battery charger, detailing its features, specifications, operating instructions, and protection functions for various rechargeable battery types.</p>
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	<p><a href="#">Classy Caps Solar Light Troubleshooting and Battery Replacement Guide</a></p> <p>Troubleshooting guide for Classy Caps solar accent lights, focusing on common issues like battery failure and providing step-by-step instructions for battery replacement.</p>
	<p><a href="#">Jabra Evolve2 85: Best Practices for Storing Rechargeable Batteries</a></p> <p>Learn essential guidelines for preserving and storing the rechargeable batteries in your Jabra Evolve2 85 headset to maximize their lifetime. Covers avoiding extreme temperatures and proper charging intervals.</p>
	<p><a href="#">Black Diamond Spot 400 Headlamp User Manual</a></p> <p>Comprehensive instructions for using the Black Diamond Spot 400 LED headlamp, covering operation, battery life, modes, storage, maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#">U8 Bluetooth Headset User Manual</a></p> <p>User manual for the U8 Bluetooth Headset by Shenzhen Jiechen Technology Co. LTD, detailing features, setup, and usage.</p>