

EBL C9041UW

EBL AA AAA Battery Charger User Manual

Model: C9041UW

Brand: EBL

1. INTRODUCTION

Thank you for choosing the EBL AA AAA Battery Charger. This manual provides essential information for the safe and efficient operation of your charger. This device is designed to charge 1-8 Ni-MH Ni-CD 1.2V AA and AAA rechargeable batteries independently, and features two USB ports for charging other devices simultaneously.

2. SAFETY INFORMATION

Please read all safety instructions carefully before using the charger. Failure to follow these instructions may result in electric shock, fire, or personal injury.

- This charger is designed for Ni-MH and Ni-CD 1.2V AA/AAA rechargeable batteries only. Do not attempt to charge alkaline, lithium, or any other type of battery, as this may cause explosion, rupture, or leakage.
- Do not disassemble or modify the charger.
- Do not expose the charger to rain, moisture, or extreme temperatures.
- Keep the charger away from children and pets.
- Unplug the charger from the power outlet when not in use or before cleaning.
- Ensure proper battery polarity (+/-) when inserting batteries into the charging slots.
- Do not short-circuit the battery terminals.



The charger incorporates multiple safety protections for reliable operation.

3. PACKAGE CONTENTS

- 1 x EBL AA AAA Battery Charger (Model C9041UW)
- 1 x Power Adapter
- 1 x User Manual (this document)

4. PRODUCT OVERVIEW AND FEATURES

The EBL C9041UW charger is an advanced battery charging solution with independent charging slots and additional USB output ports.



Front view of the EBL AA AAA Battery Charger, showing its 8 independent slots and USB ports.

Key Features:

- **Upgraded Independent Charging:** Charges 1-8 Ni-MH Ni-CD 1.2V AA and AAA rechargeable batteries independently. Each slot has its own LED indicator.
- **Dual USB Fast Charging Ports:** Equipped with 2 USB ports (5V/2A total output) for charging smartphones, tablets, iPods, or other USB-powered devices simultaneously with batteries.
- **Intelligent Battery Detection:** Automatically stops charging when detecting improper input voltage, defective batteries, short circuits, or non-rechargeable batteries.
- **Safety Guarantees:** Features advanced MCU control and ΔV function, along with over-heat, over-current, short-circuit, non-rechargeable, and defective battery detection.
- **Clear LED Indicators:** Easy-to-read LED lights indicate the charging status for each battery slot.
- **Refresh Battery Function:** Advanced smart charger adopted with intelligent microcomputer IC will refresh low voltage battery automatically.

Upgraded Individual Battery Charger

Charge 1-8 AA AAA NIMH NICD rechargeable batteries independently

OLD VERSION

808U CHARGER
(MUST CHARGE IN PAIRS)



NEW VERSION

C9041UW CHARGER
(INDEPENDENT CHARGING)



The new C9041UW model offers independent charging for each battery slot.

Convenient Daily Charging

8 Slot Independent Charging Slot



AAA NIMH



AA NIMH



AAA NICD



AA NICD

USB Output Port (5V/2A)



Tablets



Headphones



Phones

Convenient daily charging with 8 independent slots and USB output ports.

Unique USB Output for Daily Charging

Innovative two USB outputs for phones tablets charging simultaneously



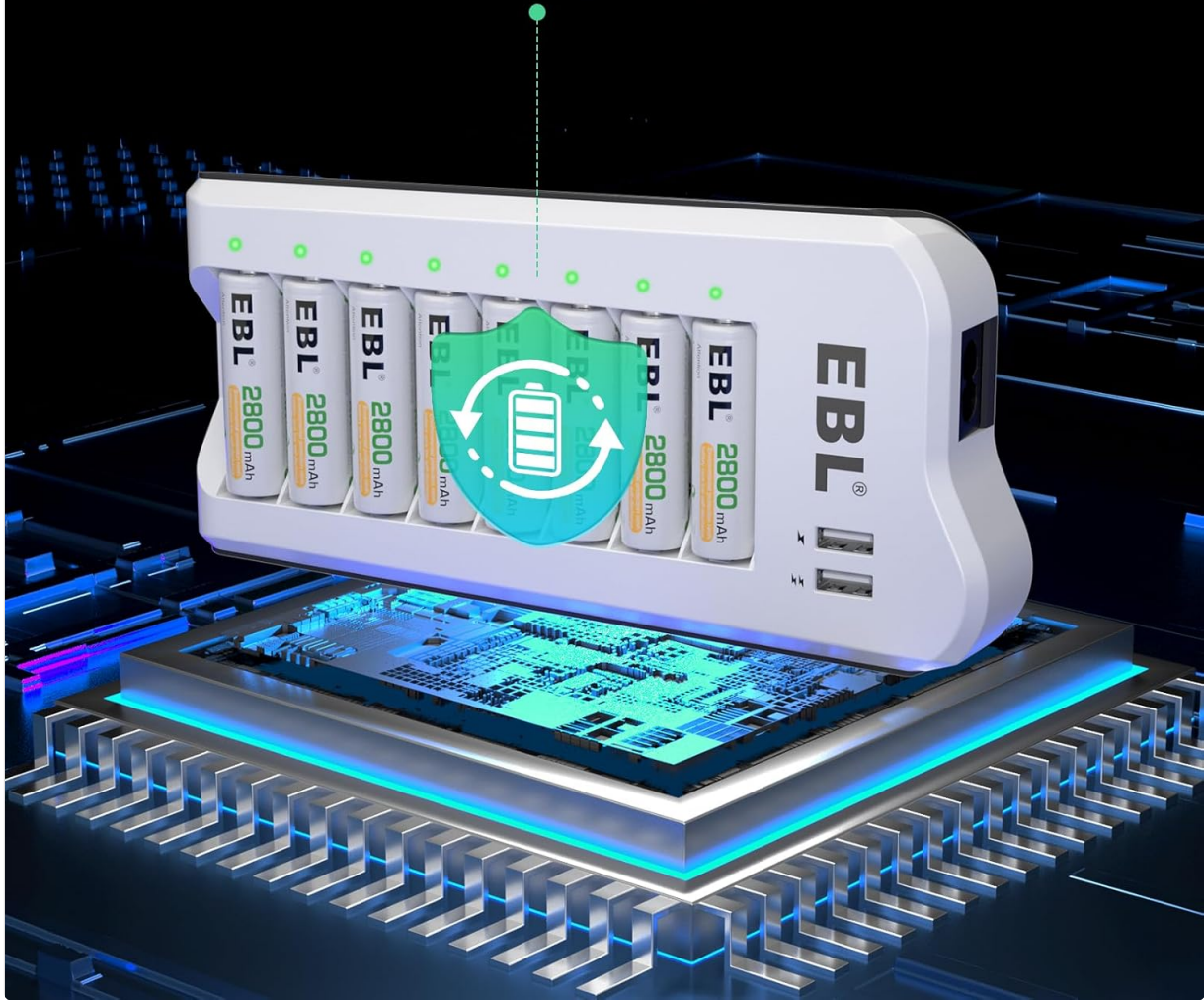
The unique dual USB output design allows for simultaneous charging of external devices.



The charger supports 100-240V input for global usage.

Refresh Battery Function

Advanced smart charger adopted with intelligent microcomputer IC will refresh low voltage battery automatically



The advanced refresh battery function automatically handles low voltage batteries.

Product Demonstration Video:

Official video demonstrating the features and usage of the EBL Upgraded Battery Charger, including independent charging and dual USB output.

5. SETUP

1. **Connect Power:** Plug the power adapter into the DC input port on the back of the charger. Then, plug the other end of the power adapter into a standard AC power outlet (100-240V).
2. **Initial Power On:** When the charger is plugged in, the LED indicators will briefly light up green, then turn off, indicating it is ready for use.

6. OPERATING INSTRUCTIONS

1. **Insert Batteries:** Carefully insert 1 to 8 Ni-MH or Ni-CD AA/AAA rechargeable batteries into the charging slots. Ensure correct polarity (+ and -) as indicated on the charger.
2. **Charging Process:** Once batteries are correctly inserted, the corresponding LED indicator for each slot will turn red, indicating that charging has begun. The charger will automatically detect the battery type and capacity to optimize charging.

3. **Charging Completion:** When a battery is fully charged, its corresponding LED indicator will turn green. You can remove the fully charged batteries at this point.
4. **Using USB Output Ports:** Connect your USB-powered devices (e.g., smartphone, tablet) to the two USB output ports (5V/2A) on the side of the charger. These ports can be used simultaneously with battery charging.

7. LED INDICATOR LIGHT MEANINGS

The charger features clear LED indicators to show the status of each battery slot:

- **Red On:** Battery is currently charging.
- **Green On:** Battery is fully charged.
- **Red Flashing:** Abnormal charging detected (e.g., non-rechargeable battery, defective battery, short circuit, or incorrect battery insertion).



Visual representation of the LED indicator states.

8. MAINTENANCE

- **Cleaning:** Disconnect the charger from power before cleaning. Use a soft, dry cloth to wipe the

surface of the charger. Do not use abrasive cleaners or solvents.

- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, remove all batteries from the charging slots.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
LED indicator is flashing red.	Non-rechargeable battery, defective battery, short circuit, or incorrect battery insertion.	Remove the battery. Ensure you are using only Ni-MH/Ni-CD rechargeable batteries. Re-insert the battery with correct polarity. If the issue persists, the battery may be defective.
Batteries are not charging (no red LED).	Charger not powered, batteries not inserted correctly, or batteries are already full.	Check power connection. Ensure batteries are fully seated and polarity is correct. If LEDs are green, batteries are already charged.
USB ports are not charging devices.	Device cable issue, device not compatible, or charger overloaded.	Try a different USB cable. Ensure your device is compatible with 5V/2A USB charging. Disconnect other devices to check for overload.

10. SPECIFICATIONS

Specification	Value
Model Number	C9041UW
Product Dimensions	1.1"D x 3.7"W x 7.2"H
Item Weight	0.01 Ounces
Output Voltage	1.2 Volts (DC) for batteries
USB Output	5V/2A
Compatible Battery Types	Ni-MH, Ni-CD (AA, AAA)
Manufacturer	Guangzhou HuaQi Electronic.,Ltd

11. WARRANTY AND SUPPORT

EBL products are designed for reliability and performance. For any questions, technical support, or warranty claims, please refer to the official EBL website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty purposes.

You can also refer to the official user guide PDF available at [EBL User Guide \(PDF\)](#)

