

## EBL C9041UW

# EBL C9041UW 8-Slot AA/AAA Ni-MH/Ni-Cd Battery Charger with 8 AAA 1100mAh Batteries User Manual

## 1. INTRODUCTION

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Thank you for choosing the EBL C9041UW 8-Slot Battery Charger. This charger is designed to efficiently and safely charge 1-8 pieces of AA or AAA Ni-MH/Ni-Cd rechargeable batteries. It also features a convenient USB output for charging other 5V USB devices. This package includes the charger and 8 EBL AAA 1100mAh Ni-MH rechargeable batteries. Please read this manual thoroughly before use to ensure optimal performance and safety.

## 2. PRODUCT OVERVIEW AND FEATURES

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The EBL C9041UW charger offers advanced features for a reliable charging experience:

- **8 Independent Charging Slots:** Allows for simultaneous charging of 1 to 8 AA or AAA Ni-MH/Ni-Cd batteries, each slot operating independently.
- **Dual Functionality (AC & USB):** Charges batteries via AC power and provides a 5V 2A USB output to charge smartphones, tablets, cameras, MP3/MP4 players, and other 5V USB devices simultaneously.
- **Advanced Safety Protections:** Equipped with multiple safety features including overcharge protection, overcurrent protection, overvoltage protection, overheat protection, and short-circuit protection.
- **Battery Repair Function:** The smart charger can detect damaged or non-rechargeable batteries, indicated by a flashing red light. It attempts to repair damaged batteries within 15 seconds, after which normal charging resumes if successful.
- **Trickle Charge:** Utilizes trickle charging to maximize battery capacity, ensuring batteries are charged up to 99% and extending battery lifespan.
- **Low Self-Discharge Batteries:** The included EBL Ni-MH batteries feature low self-discharge technology, retaining approximately 75% of their capacity even after 3 years of storage.
- **Eco-Friendly Design:** Batteries are free from harmful substances like Hg/Cd/Pd, making them an environmentally conscious choice.
- **Sealed Structure:** Prevents liquid leakage from the batteries.

# 更新された独立電池充電器」

1-8本の 単三単四NIMH NICD 充電式電池を独立充電する

古いバージョン

808U充電器  
(ペアで充電する必要がある)



新しいバージョン

C9041UW 充電器  
(独立した充電)



2023年  
最新

Image: The EBL C9041UW charger with its 8 independent charging slots, highlighting the ability to charge various battery types simultaneously.

# 日常の充電が便利

8 スロットの独立した充電スロット



単三 NIMH



単四 NIMH



単三 NICD



単四 NICD

USB出力ポート (5V/2A)



タブレット



電話



ヘッドフォン

Image: The EBL C9041UW charger demonstrating its USB output port, capable of charging external devices like smartphones and tablets while batteries are charging.

## 3. SETUP INSTRUCTIONS

1. **Unpack:** Carefully remove the EBL C9041UW charger and the included batteries from their packaging.
2. **Connect Power:** Plug the charger into a standard AC 100-240V wall outlet. The charger is designed for global use.
3. **Insert Batteries:** Insert 1 to 8 AA or AAA Ni-MH/Ni-Cd rechargeable batteries into the charging slots. Ensure correct polarity (+ and - ends) as indicated on the charger and batteries.

## 4. OPERATING INSTRUCTIONS

### 4.1 Charging Batteries

1. Once batteries are correctly inserted and the charger is powered on, the LED indicator for each slot will illuminate.

2. A **red light** indicates that the battery is currently charging.
3. A **green light** indicates that the battery is fully charged. The charger will automatically stop charging to prevent overcharge.
4. If the light is **flashing red**, it indicates a damaged or non-rechargeable battery. Remove the battery from the slot.



Image: Visual guide to the LED indicators on the EBL C9041UW charger, showing states for power on, charging, fully charged, and abnormal conditions.

## 4.2 Using the USB Output

The charger features a USB output port (DC 5V 2A) on the side. You can connect your USB-powered devices (e.g., smartphone, tablet) to this port using a compatible USB cable to charge them simultaneously while the batteries are charging.

Your browser does not support the video tag.

Video: This video demonstrates the smart features of the Powerowl 8-bay smart battery charger, including individual charging, battery repair, trickle charging, and multiple security protections. It highlights how the charger intelligently manages each battery and ensures safe operation.

## 5. SAFETY INFORMATION

Your safety is paramount. Please observe the following precautions:

- Only charge Ni-MH or Ni-Cd rechargeable batteries. Do not attempt to charge alkaline, carbon-zinc, or other types of batteries, as this may lead to leakage, rupture, or explosion.
- Do not disassemble or modify the charger or batteries.
- Keep the charger and batteries away from water, moisture, and high temperatures.
- Do not use the charger if it or the power cord is damaged.
- Ensure proper ventilation during charging. Do not cover the charger.
- Keep out of reach of children.
- The charger features multiple protections: overcharge, overcurrent, overvoltage, overheat, and short-circuit protection to ensure safe operation.



Image: An illustration of the EBL C9041UW charger surrounded by icons representing its comprehensive safety features, including protection against overcharge, overcurrent, overvoltage, overheating, and short circuits.

# より安全な保護

余分な DBCK スチールシェルを備えた埋め込みシール構造により、過圧による爆発から電池を保護します。



Image: A cutaway diagram of an EBL battery, illustrating its internal structure designed for enhanced safety, including features for liquid leakage prevention and stable voltage output.

## 6. MAINTENANCE

- **Cleaning:** Disconnect the charger from the power source before cleaning. Use a dry, soft cloth to wipe the charger and battery contacts. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the charger and batteries in a cool, dry place, away from direct sunlight and extreme temperatures. The included batteries come with storage cases for convenience.
- **Battery Longevity:** EBL batteries are designed for repeated charging with minimal degradation. Their low self-discharge rate ensures they remain ready for use even after extended periods.

# プロな収納ケース



Image: EBL AAA 1100mAh batteries neatly stored in their transparent cases, demonstrating proper storage for longevity and organization.

## 7. TROUBLESHOOTING

| Problem                                   | Possible Cause  | Solution  |
|---|---|---|
| LED light is flashing red.                | Damaged or non-rechargeable battery detected.             | Remove the battery. If it's a damaged rechargeable battery, the charger attempts repair for 15 seconds. If it continues to flash red, the battery is likely irreparable or non-rechargeable. Replace with a new, compatible rechargeable battery. |
| No LED light when batteries are inserted. | No power, incorrect battery insertion, or faulty charger. | Check if the charger is properly plugged into a live power outlet. Ensure batteries are inserted with correct polarity. If the issue persists, contact customer support.  |

| Problem                        | Possible Cause                            | Solution   |
|--------------------------------|---|--|
| Batteries do not charge fully. | Old/worn-out batteries, or charger issue. | Try charging fewer batteries at a time. Old batteries may have reduced capacity. If new batteries also don't charge fully, contact customer support. |

## 8. SPECIFICATIONS

| Feature                         | Detail                           |
|---------------------------------|----------------------------------|
| Model Number                    | C9041UW                          |
| Input                           | 100-240V AC / 0.3A (max) 50/60Hz |
| Output (AA)                     | DC 1.2V 1000mA                   |
| Output (AAA)                    | DC 1.2V 500mA                    |
| USB Output                      | DC 5V 2A                         |
| Compatible Battery Types        | AA / AAA Ni-MH / Ni-Cd           |
| Battery Capacity (Included AAA) | 1100mAh                          |
| Product Dimensions (D x W x H)  | 2.8 x 9.4 x 18.3 cm              |
| Product Weight                  | 5.9 ounces                       |
| Number of Ports                 | 2 (USB)                          |
| Certifications                  | CE, FCC, RoHS                    |
| Country of Origin               | China                            |

## 9. WARRANTY AND SUPPORT

EBL is committed to providing high-quality products and excellent customer service. This product comes with a **1-year limited warranty** from the date of purchase. If you encounter any issues during use, please do not hesitate to contact our customer support team. We are available to assist you with any questions or concerns. For support, please refer to the contact information provided on the product packaging or the official EBL website.

Your browser does not support the video tag.

Video: This video showcases the EBL AAA 800mAh rechargeable batteries, highlighting their stable 1.2V output, excellent discharge performance (retaining 80% power after 3 years), and suitability for various devices like blood pressure monitors and game controllers.

Your browser does not support the video tag.

Video: This video demonstrates the EBL AAA 1100mAh rechargeable batteries being used in common household devices such as an alarm clock and a computer mouse, emphasizing their versatility and ease of use.