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› EBL C802 Rechargeable Battery Charger User Manual

EBL C802

EBL C802 Rechargeable Battery Charger User Manual

Model: C802

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient use of your EBL C802 rechargeable battery charger. Please read this manual thoroughly before operating the device and retain it for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

To prevent injury or damage, always observe the following safety precautions:

- Use this charger only for Ni-MH and Ni-Cd rechargeable batteries. Attempting to charge other battery types (e.g., alkaline, lithium) may cause explosion, rupture, or leakage, leading to personal injury or property damage.
- Do not disassemble, modify, or repair the charger.
- Do not expose the charger to rain, moisture, or extreme temperatures.
- Ensure correct battery polarity (+/-) when inserting batteries into the charger. Incorrect insertion can cause damage to the charger or batteries.
- Avoid short-circuiting the battery terminals.
- Keep the charger and batteries out of reach of children.
- Unplug the charger from the power outlet when not in use or before cleaning.
- Do not operate the charger if it has been damaged in any way.

3. PRODUCT OVERVIEW

The EBL C802 is a compact and versatile battery charger designed to charge various common rechargeable battery

types. It features intelligent charging technology for safety and efficiency.

EBL®



EBL®

2800 mAh

Nimh low self-discharge
rechargeable battery

— Ready to use, pre-charged battery.

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Image: The EBL C802 charger with four AA rechargeable batteries inserted, showing green indicator lights.

3.1 Components

The charger includes slots for AA, AAA, and 9V batteries, along with LED indicators to show charging status.

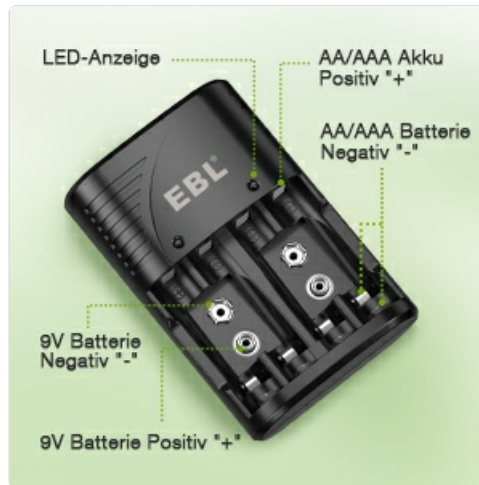


Image: A detailed diagram illustrating the LED indicators and the correct positive and negative terminal placement for AA/AAA and 9V batteries within the EBL C802 charger.

- **AA/AAA Battery Slots:** Four slots for AA or AAA Ni-MH/Ni-Cd batteries. These slots charge in pairs.
- **9V Battery Slots:** Two slots for 9V Ni-MH/Ni-Cd batteries. These slots can charge independently.
- **LED Indicators:** Individual LED lights for each charging channel (or pair) to display charging status.

4. SETUP

4.1 Unpacking

Carefully remove all components from the packaging. Verify that all items are present and undamaged.



Image: The EBL C802 charger, its green retail box, four AA batteries in a clear case, and the user manual laid out on a green surface.

The package typically includes:

- EBL C802 Battery Charger
- Rechargeable AA Ni-MH Batteries (quantity may vary)
- User Manual

4.2 Connecting to Power

Plug the charger directly into a standard AC power outlet (100-240V, 50/60Hz). The charger is designed for universal voltage compatibility.



Image: The EBL C802 charger plugged into a wall socket, highlighting its 110V-240V universal voltage capability.

5. OPERATING INSTRUCTIONS

5.1 Compatible Battery Types

The EBL C802 charger is compatible with the following rechargeable battery types:

Kompatibel mit mehreren Batterien

Zum Laden von
AA/AAA NiMH NiCD Akkus und 9V Akkus



Image: The EBL C802 charger with various battery types (AA, AAA, 9V) displayed, illustrating its multi-battery compatibility.

- AA Ni-MH / Ni-Cd
- AAA Ni-MH / Ni-Cd
- 9V Ni-MH / Ni-Cd

5.2 Inserting Batteries

1. Ensure the charger is plugged into a power outlet.
2. For AA/AAA batteries, insert them into the designated slots, ensuring the positive (+) and negative (-) terminals match the markings on the charger. AA/AAA batteries must be inserted in pairs (2 or 4) for charging.
3. For 9V batteries, insert them into the 9V slots, matching the polarity. 9V batteries can be charged individually or in pairs.

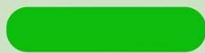
5.3 Charging Process and LED Indicators

Once batteries are correctly inserted, the charging process begins automatically.

**3,5 Stunden
Volle Ladung**



Rot - Aufladen



Grün - Vollständig
aufgeladen



Image: The EBL C802 charger displaying a red LED for charging and a green LED for fully charged, with an indication of 3.5 hours for a full charge.

- **Red LED:** Indicates that the battery is currently charging.
- **Green LED:** Indicates that the battery is fully charged and the charging process has stopped.

5.4 Automatic Features

The EBL C802 charger incorporates several intelligent features to ensure safe and optimal charging:

Automatische Abschaltung

Automatische Abschaltung nach vollständiger
Aufladung zur Vermeidung von Überladung



Image: The EBL C802 charger demonstrating its automatic shutdown feature, which activates after batteries are fully charged to prevent overcharging.

- **Automatic Cut-Off:** The charger automatically stops charging when batteries are full to prevent overcharging and prolong battery life.
- **Short-Circuit Protection:** Protects the charger and batteries from damage in case of a short circuit.
- **Reverse Polarity Protection:** Prevents damage if batteries are inserted incorrectly.
- **Overheat Protection:** Monitors temperature to prevent overheating during charging.

0-Volt-Aktivierungs-Funktion

Automatische Aktivierung und Auffrischung von
Niederspannungsbatterien (0-0,9 Volt)



Image: A graphic illustrating the 0-Volt activation function of the EBL C802 charger, showing how it can refresh low-voltage batteries.

- **0-Volt Activation Function:** The charger can activate and refresh deeply discharged low-voltage batteries (0-0.9 Volt).

5.5 Typical Charging Times

Charging times may vary depending on battery capacity and discharge level. Approximately:

- 4 AA or AAA batteries can be fully charged in approximately 2-3 hours.

6. MAINTENANCE

- **Cleaning:** Disconnect the charger from the power outlet before cleaning. Use a dry, soft cloth to wipe the charger's surface. Do not use abrasive cleaners or solvents.

- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures when not in use.

7. TROUBLESHOOTING

If you encounter issues with your EBL C802 charger, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
LED indicator does not light up.	Charger not plugged in; power outlet not working; battery inserted incorrectly; battery is non-rechargeable or severely damaged.	Check power connection; try a different outlet; re-insert battery with correct polarity; ensure battery is rechargeable and not damaged.
Batteries are not charging.	AA/AAA batteries not inserted in pairs; battery is fully charged; battery is damaged.	Ensure AA/AAA batteries are inserted in pairs (2 or 4); check LED indicator (green means full); replace damaged batteries.
Charger or batteries become excessively hot.	Damaged battery; poor ventilation.	Remove batteries immediately; ensure proper ventilation around the charger; replace damaged batteries.

8. SPECIFICATIONS

Feature	Detail
Model	C802
Input	100-240V AC, 50/60Hz
Output (AA/AAA)	2.4V DC 650mA
Output (9V)	9V DC 20mA
Compatible Battery Types	Ni-MH, Ni-Cd (AA, AAA, 9V)
Dimensions (approx.)	100mm x 67mm x 32mm
Color	Black

Kompakte Größe, Weltweite Verwendung

110V-240V Universal Spannung



Image: A diagram showing the approximate dimensions of the EBL C802 charger: 100mm in height, 67mm in width, and 32mm in depth.

9. WARRANTY AND SUPPORT

EBL products are designed for reliability and performance. For warranty information, technical support, or any inquiries regarding your EBL C802 charger, please refer to the contact information provided with your purchase or visit the official EBL website.

ASK A QUESTION ABOUT THIS MANUAL

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and use this page's manual context to help answer it.

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Question

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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