

EBL EBL-999

EBL 12 Bay LCD Universal Battery Charger

Model: EBL-999

IMPORTANT SAFETY INSTRUCTIONS

Please read these 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/Ni-CD AA, AAA, and 9V batteries, and 9V Li-ion batteries only. Do not attempt to charge other types of batteries, as this may cause explosion, rupture, or leakage.
- Do not disassemble or modify the charger.
- Do not expose the charger to rain or moisture.
- Keep the charger away from children.
- Ensure proper polarity when inserting batteries. Incorrect insertion can cause damage to the charger and batteries.
- Do not charge non-rechargeable batteries.
- Unplug the charger from the power outlet when not in use.
- Avoid short-circuiting the battery terminals.
- Do not operate the charger if it has been damaged in any way.

PRODUCT OVERVIEW

The EBL-999 is a versatile battery charger designed to efficiently charge various types of rechargeable batteries. It features independent charging channels and multiple safety protections.

Key Features

- **Independent Charging Channels:** Simultaneously charges 1 to 10 AA or AAA Ni-Mh/Ni-CD rechargeable batteries, and 1 to 2 9V Ni-Mh/Ni-CD/Li-ion rechargeable batteries.

- **Clear LCD Display:** Provides detailed charging status for AA/AAA batteries.
- **LED Indicators:** Shows charging status for 9V batteries.
- **Automatic Trickle Charge:** Switches to trickle charge mode once batteries are fully charged to prevent overcharging.
- **Smart Control & Protection:** Advanced MCU control and $-\Delta V$ detection function offer over-heat, over-current, short-circuit, over-voltage, and reverse battery protection. Detects non-rechargeable and defective batteries.
- **Advanced Refresh Function:** Automatically refreshes AA, AAA, and 9V batteries with very low voltage (0-0.9V) to extend their lifespan.



Image: The EBL 12 Bay LCD Universal Battery Charger, showing its multiple charging slots and the included power cord.

Package Contents

- EBL-999 Battery Charger
- AC Power Cable
- User Manual

SETUP

1. Power Connection

1. Connect the AC power cable to the charger's power input port.
2. Plug the other end of the AC power cable into a standard 100-240V wall outlet.

3. The LCD screen will briefly illuminate, indicating the charger is powered on and ready.

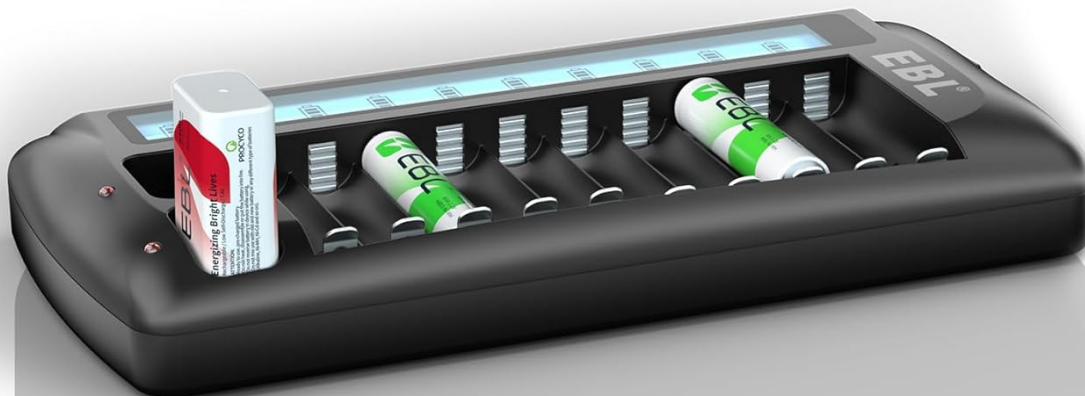


Image: The EBL charger's AC plug connected to a power strip, illustrating the power connection step.

2. Battery Insertion

1. Identify the correct battery type (AA, AAA, or 9V) for the corresponding slot.
2. Insert the rechargeable batteries into the appropriate charging slots, ensuring correct polarity (+ and - ends match the markings on the charger).
3. For AA/AAA batteries, the LCD screen will show the charging status for each inserted battery.
4. For 9V batteries, the LED indicator next to the 9V slot will illuminate.

Suitable for Various Batteries



Charges 1 -10 AA or AAA + TWO 9V Batteries



Image: The EBL charger with a mix of AA, AAA, and 9V batteries inserted into their respective slots, demonstrating its compatibility with various battery types.

OPERATING INSTRUCTIONS

Charging Process

- Once batteries are correctly inserted, the charger will automatically begin the charging process.
- The intelligent control system will detect the battery type and condition, applying the appropriate charging current.
- The charger features an auto shut-off function to stop charging when batteries are full, protecting them from overcharge.



Image: A diagram illustrating the auto shut-off feature of the EBL charger, which stops charging when batteries are fully charged to prevent damage.

LCD Display Indicators (for AA/AAA Batteries)

The LCD screen provides visual feedback on the charging status for each AA/AAA battery slot (CH1-CH10).

- **Battery Icon Filling:** Indicates the charging progress. Segments of the battery icon will fill up as the battery charges.
- **Full Battery Icon:** The battery is fully charged.
- **Flashing Icon:** May indicate a non-rechargeable, defective, or improperly inserted battery.

Keep Your Battery Healthy



SHORT-CIRCUIT
PROTECTION



OVER-CHARGE
PROTECTION



OVER-CURRENT
PROTECTION



OVER-VOLTAGE
PROTECTION



OVER-HEATING
PROTECTION



REVERSE BATTERY
PROTECTION

Image: A close-up of the EBL charger's LCD screen, detailing the battery icons and their meanings for fully charged, charging in progress, and error states.

LED Indicators (for 9V Batteries)

- **Red LED:** The 9V battery is currently charging.
- **Green LED:** The 9V battery is fully charged.

MAINTENANCE

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

- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid completely draining batteries before recharging.

TROUBLESHOOTING

- **Charger not powering on:** Ensure the AC power cable is securely connected to both the charger and the wall outlet. Verify the outlet has power.
- **Battery icon flashing on LCD:** This indicates a potential issue. Check if the battery is inserted with correct polarity. Ensure it is a rechargeable battery and not damaged. Try removing and reinserting the battery. If the issue persists, the battery may be defective or non-rechargeable.
- **9V LED not illuminating:** Check if the 9V battery is inserted correctly with proper polarity. Ensure it is a rechargeable 9V battery.
- **Batteries not charging fully:** Ensure the batteries are compatible with the charger. Old or heavily used batteries may have reduced capacity.
- **Charger feels warm during operation:** It is normal for the charger to become slightly warm during charging. If it becomes excessively hot, disconnect it immediately and contact support.



Image: A graphic illustrating the charger's ability to reactivate 0V batteries, showing a battery being revived from a flat state to a charged state.

SPECIFICATIONS

Feature	Detail
Model Number	EBL-999
Input Voltage	100-240V AC
Output Voltage	3.5 Volts (DC)
Compatible Batteries	AA/AAA Ni-MH/Ni-CD, 9V Ni-MH/Ni-CD/Li-ion

Feature	Detail
Charging Slots	10 for AA/AAA, 2 for 9V
Product Dimensions	9.06 x 4.13 x 1.18 inches (23 x 10.5 x 3 cm)
Item Weight	11.8 ounces (334.5 grams)
Color	Black

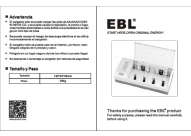
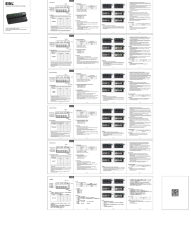
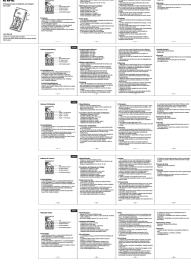
WARRANTY AND SUPPORT




EBL products are designed for reliability and performance. For warranty information, technical support, or customer service inquiries, please refer to the contact details provided on the product packaging or visit the official EBL website.

Please retain your purchase receipt for warranty claims.

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Related Documents - EBL-999

	<p>EBL-906 Smart Battery Charger User Manual Features & Safety Guide</p> <p>Explore the EBL-906 Smart Battery Charger with this detailed user manual. Understand its advanced features for charging AA, AAA, C, D, and 9V Ni-MH/Ni-CD batteries, intelligent safety protections, and essential usage guidelines for optimal performance.</p>
	<p>EBL 12+2 Bay Universal Battery Charger User Manual and Specifications</p> <p>Comprehensive guide to the EBL 12+2 Bay Universal Battery Charger, covering features, specifications, usage instructions, safety precautions, and warranty information for various battery types including AA, AAA, C, D, and 9V rechargeable batteries.</p>
	<p>EBL-C802 Smart Battery Charger User Manual for AA, AAA, and 9V Rechargeable Batteries</p> <p>Official user manual for the EBL-C802 smart battery charger. Provides detailed instructions on charging AA, AAA, and 9V Ni-MH/Ni-CD rechargeable batteries, including specifications, features, safety warnings, troubleshooting, and FAQs.</p>

	<p>EBL-992 Battery Charger User Guide: Specifications, Operation, and Safety</p> <p>This user guide provides detailed information for the EBL-992 battery charger, covering specifications, charging times for Ni-MH/Ni-CD and Lithium-ion batteries (AA, AAA, C, 18650, etc.), operating conditions, and crucial safety instructions. Available in English, French, German, Spanish, Italian, and Japanese.</p>
	<p>EBL FY-809 Battery Charger User Guide</p> <p>User guide for the EBL FY-809 battery charger, detailing specifications, charging times, usage instructions, safety warnings, and warranty for AA and AAA rechargeable batteries.</p>
	<p>EBL FY-819 Smart LCD Battery Charger User Manual</p> <p>Comprehensive user manual for the EBL FY-819 Smart LCD Battery Charger, detailing features, specifications, operation, and safety precautions for AA and AAA Ni-MH/Ni-CD rechargeable batteries.</p>

Documents - EBL – EBL-999



[\[pdf\]](#) Instructions Specifications Guide

LN 6426UR User Guide user guide le slot de charge pour 9V et les slots AA AAA avant charger EBL 999 est UNIQUEMENT conçu piles rechargeables Ni MH CD Li A1aTNRNykbL ref dp product quick view m media amazon images | |||

PROFESSIONAL CARE ON BATTERIES CHARGER SINCE 1998 USER GUIDE

CONTENTS Welcome Guide English FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS. 01 TEST DATA SPECIFICATIONS Model **EBL-999** Input 100-240V AC 50/60Hz Input Current 0.3A Max Output AA /AAA DC 1.2V 1350mA Output...

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