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› PHOTOOLEX Rechargeable Lithium AA Batteries User Manual

PHOTOOLEX 009LCD-AA1000-8PCS

PHOTOOLEX Rechargeable Lithium AA Batteries User Manual

Model: 009LCD-AA1000-8PCS

Brand: PHOTOOLEX

INTRODUCTION

Thank you for choosing PHOTOOLEX Rechargeable Lithium AA Batteries. This product provides a reliable and high-performance power solution for your electronic devices. Featuring advanced lithium-ion technology, these batteries offer stable 1.5V output, high capacity, and a long cycle life, all conveniently managed by an integrated charging and storage case. Please read this manual carefully before use to ensure optimal performance and safety.

PACKAGE CONTENTS

- 8 x PHOTOOLEX AA Rechargeable Lithium Batteries (3600mWh)
- 1 x Smart Charging Case
- 1 x USB-A to Type-C Charging Cable
- 1 x User Manual

PRODUCT FEATURES

High Capacity & Constant Voltage

These AA lithium batteries boast a high capacity of 3600mWh and maintain a stable 1.5V constant voltage output throughout their discharge cycle. This ensures consistent performance for your devices, unlike traditional Ni-MH batteries that experience voltage drop.

1.5V CONSTANT OUTPUT

Ensure that your devices can work stably

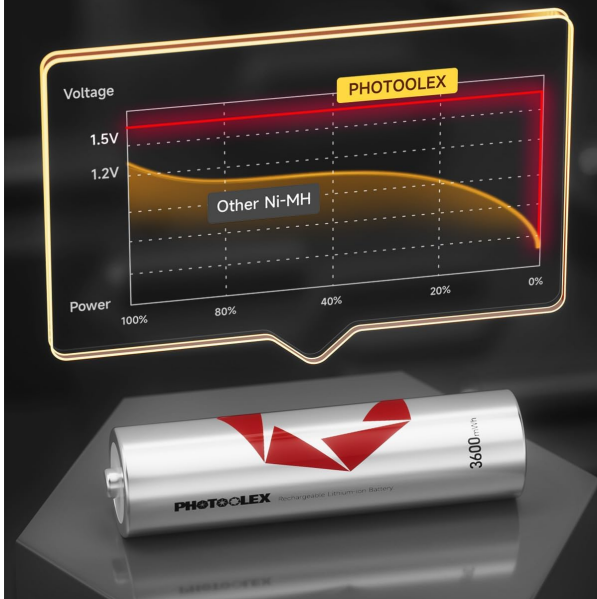


Image: A graph illustrating the stable 1.5V output of PHOTOOLEX lithium batteries compared to the fluctuating voltage of other Ni-MH batteries, ensuring consistent power delivery.

Long Cycle Life & Cost Savings

With an impressive cycle life of up to 1600 recharges, these batteries are designed for long-term use, significantly reducing the need for frequent replacements of disposable batteries. This translates to substantial cost savings over time.



Image: A visual representation highlighting the 1600

recharge cycles of PHOTOOLEX AA Lithium-ion batteries, emphasizing their longevity compared to single-use alkaline batteries.

3 Ampere High Current Discharge

Capable of a 3 Ampere high current discharge, these batteries are suitable for power-hungry devices such as game controllers, remote-controlled toys, and camera flashes, providing robust and reliable power when needed.



Image: A graph demonstrating the faster recycle time achieved with PHOTOOLEX Li-ion batteries in a camera flash unit compared to NiMH batteries, indicating superior high-current performance.

Integrated Charging & Storage Case

The included smart charging case not only recharges 1-8 AA batteries simultaneously but also serves as a convenient storage solution. This keeps your batteries organized and protected, making them easy to find and transport.

CHARGING | STORAGE | PROTECTION

3-IN-1 MULTIFUNCTIONAL CHARGING CASE



It's messy and hard to find



Neat storage, quick out

2024
Latest Style


Orderly Battery
Management


Protect Battery
Safety


Easy to Carry
On the Go

Image: A visual comparison showing the benefit of the integrated charging and storage case, contrasting a messy drawer of loose batteries with the organized and protected batteries within the PHOTOOLEX case.

Low-Temperature Technology

Equipped with advanced low-temperature constant voltage technology, these batteries maintain stable performance even in cold environments, making them suitable for outdoor use or in situations where temperatures drop significantly.

STRONG PERFORMANCE IN EXTREME TEMPERATURE



Image: A side-by-side comparison illustrating the

PHOTOOLEX AA Li-ion battery's ability to function effectively in extreme cold (-40°F) compared to a standard AA Alkaline battery that stops working.

SETUP

1. **Unpack the Contents:** Carefully remove all items from the packaging and verify that all components listed in the 'Package Contents' section are present.
2. **Initial Charge:** Although batteries may come partially charged, it is recommended to fully charge them before first use for optimal performance. Insert the batteries into the charging case, connect the USB-A to Type-C cable to the case, and plug the USB-A end into a compatible 5V/3A USB power adapter (not included).
3. **Observe LED Indicators:** The LED indicators on the charging case will blink green during charging. Once fully charged, the LEDs will turn solid green.

INTELLIGENT & SECURE CHARGING CASE



* Can only charge 1.5V AA li-ion batteries



* Identify automatically: Blinking red when non AA 1.5V li-ion batteries put in.



* Intelligent activation function: Trickle charge activates 0-volt batteries.



Image: The PHOTOOLEX smart charging case plugged into a power source, with batteries inserted, demonstrating the charging process and the intelligent activation function for 0-volt batteries.

OPERATING INSTRUCTIONS

Charging the Batteries

1. Ensure the charging case is clean and free of debris.
2. Insert the PHOTOOLEX AA lithium batteries into the designated slots in the charging case. Ensure correct polarity (+/-). The case can charge 1 to 8 batteries simultaneously.

3. Connect the provided USB-A to Type-C cable to the charging case and a USB power source (e.g., wall adapter, computer USB port). For optimal charging speed, a 5V/3A adapter is recommended.
4. The LED indicator above each battery slot will blink green to indicate charging.
5. When a battery is fully charged, its corresponding LED indicator will turn solid green.
6. If a non-compatible battery (e.g., alkaline or Ni-MH) is inserted, the LED will blink red. Remove such batteries immediately.
7. The charging case features an intelligent activation function that can trickle charge and activate 0-volt batteries.

Using the Batteries

Once charged, remove the batteries from the charging case. Insert them into your compatible electronic devices, ensuring correct polarity. These batteries are designed to provide stable 1.5V output for a wide range of devices, including high-drain electronics.

SAFETY PRECAUTIONS

- Do not disassemble, crush, or puncture the batteries or charging case.
- Do not expose batteries or the charging case to water, fire, or extreme temperatures (above 140°F / 60°C or below -40°F / -40°C).
- Only use the provided charging case or a compatible PHOTOOLEX lithium battery charger to charge these batteries.
- Do not mix new and old batteries, or different types of batteries.
- Keep batteries and the charging case out of reach of children.
- If a battery shows signs of leakage, swelling, or damage, discontinue use immediately and dispose of it properly.
- Avoid short-circuiting the battery terminals.

MAINTENANCE

- **Cleaning:** Use a dry, soft cloth to clean the batteries and charging case. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the batteries in the integrated charging case when not in use to keep them organized and protected. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Long-Term Storage:** For long-term storage, it is recommended to charge the batteries to approximately 50% capacity every 3-6 months to maintain their health.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Batteries not charging.	Loose cable connection; Power source issue; Non-compatible battery; Battery severely depleted.	Check USB cable connection. Try a different USB port or power adapter. Ensure only PHOTOOLEX AA lithium batteries are inserted. The charger has an activation function for 0-volt batteries, allow time.

Problem	Possible Cause	Solution
LED indicator blinking red.	Non-compatible battery inserted; Over-temperature.	Remove the non-compatible battery. Move the charger to a cooler environment and allow it to cool down.
Device not powering on with charged batteries.	Incorrect battery polarity; Device malfunction; Battery not fully charged.	Check battery polarity in the device. Test batteries in another compatible device. Ensure batteries are fully charged (solid green LED).
Batteries drain quickly.	High-drain device; Old batteries; Extreme temperatures.	This is normal for high-drain devices. Ensure batteries are fully charged. Avoid using in extremely cold or hot conditions if possible.

SPECIFICATIONS

Feature	Detail
Battery Type	Lithium-Ion AA
Nominal Voltage	1.5V Constant Output
Capacity	3600mWh (equivalent to 2400mAh at 1.5V)
Discharge Current	Up to 3 Amps
Cycle Life	Up to 1600 cycles
Operating Temperature	-40°F to 140°F (-40°C to 60°C)
Charging Time	Approx. 2.5 hours (with 5V/3A adapter)
Charger Input	USB Type-C
Number of Batteries	8 (included)
Dimensions (Packaging)	9.4 x 7.8 x 5.8 cm
Weight (Packaging)	200 Grams

WARRANTY AND SUPPORT

PHOTOOLEX provides a **12-month warranty** for this product from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper storage.

For technical support, warranty claims, or any questions regarding your PHOTOOLEX product, please contact our customer service team through the retailer's platform or visit the official PHOTOOLEX website. Please have your purchase receipt and product model number ready when contacting support.

