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› PHILIPS 1.5V AA Lithium Rechargeable Batteries with Fast Charger User Manual

## PHILIPS AA Lithium Rechargeable Batteries with Fast Charger

# PHILIPS 1.5V AA Lithium Rechargeable Batteries with Fast Charger User Manual

Model: AA Lithium Rechargeable Batteries with Fast Charger

For optimal performance and safety, please read these instructions carefully before use.

## 1. INTRODUCTION

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Thank you for choosing PHILIPS 1.5V AA Lithium Rechargeable Batteries with Fast Charger. This product provides a reliable and long-lasting power solution for your electronic devices. These lithium-ion batteries offer a constant 1.5V output and high capacity, making them ideal for high-drain applications. The included charger doubles as a storage case, ensuring convenience and safety.

## 2. PRODUCT OVERVIEW

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The PHILIPS rechargeable battery system includes the following components:

- **4 x PHILIPS 1.5V AA Lithium Rechargeable Batteries:** High-capacity 3600mWh lithium-ion batteries.
- **1 x PHILIPS Fast Charger & Storage Case:** A compact unit designed to charge and store up to four AA batteries. Features a Type-C input port and LED indicators.

# 3600mWh Long-Lasting Power

Replacements, Li-ion tech, steady 1.5V output



**40%**  
more capacity  
than NiMH!

Figure 2.1: PHILIPS 3600mWh AA Lithium Rechargeable Battery. These batteries provide a constant 1.5V output and offer 40% more capacity than standard Ni-MH batteries.

### 3. SETUP AND INITIAL CHARGE

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Before using your new PHILIPS rechargeable batteries, it is recommended to fully charge them.

1. **Unpack:** Carefully remove all components from the packaging.
2. **Insert Batteries:** Open the charger case and insert the PHILIPS AA lithium batteries into the designated slots. Ensure the positive (+) and negative (-) terminals of the batteries align correctly with the markings inside the charger.
3. **Connect Charger:** Connect the Type-C charging cable (not included) to the charger's Type-C port. Plug the other end of the cable into a compatible 5V/3A power source, such as a PC, power bank, or car adapter.
4. **Monitor Charging:** The LED indicators on the charger will flash green, indicating that the batteries are charging. Once fully charged, the LEDs will turn solid green.

# 2H Quick Charge

## 1-4 Batteries Anytime



Figure 3.1: The PHILIPS charger connected via its Type-C port. It supports 2-hour quick charging for 1-4 batteries.

## 4. OPERATING INSTRUCTIONS

### 4.1. Charging Process

- **Battery Insertion:** Always ensure batteries are inserted with correct polarity.
- **Power Source:** Use a 5V/3A power source for optimal charging speed. Lower amperage sources may result in slower charging.
- **LED Indicators:**
  - *Flashing Green:* Batteries are currently charging.
  - *Solid Green:* Batteries are fully charged and ready for use.
  - *Red:* Indicates an abnormal condition such as overheating, voltage issues, or incompatible batteries. Remove batteries and check for issues.
- **Charging Time:** The charger is designed for quick charging, typically completing a full charge for 1-4 batteries in approximately 2 hours.

# Battery Charging Compartment



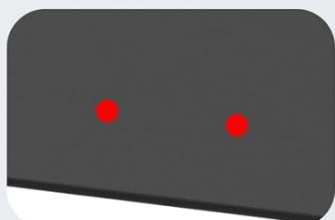
Overcharge



Overheat



short-circuit  
protection



Red = Error



Flashing Green = Charging



Static Green = Full



Figure 4.1: LED indicators on the PHILIPS charger provide status updates during the charging process.

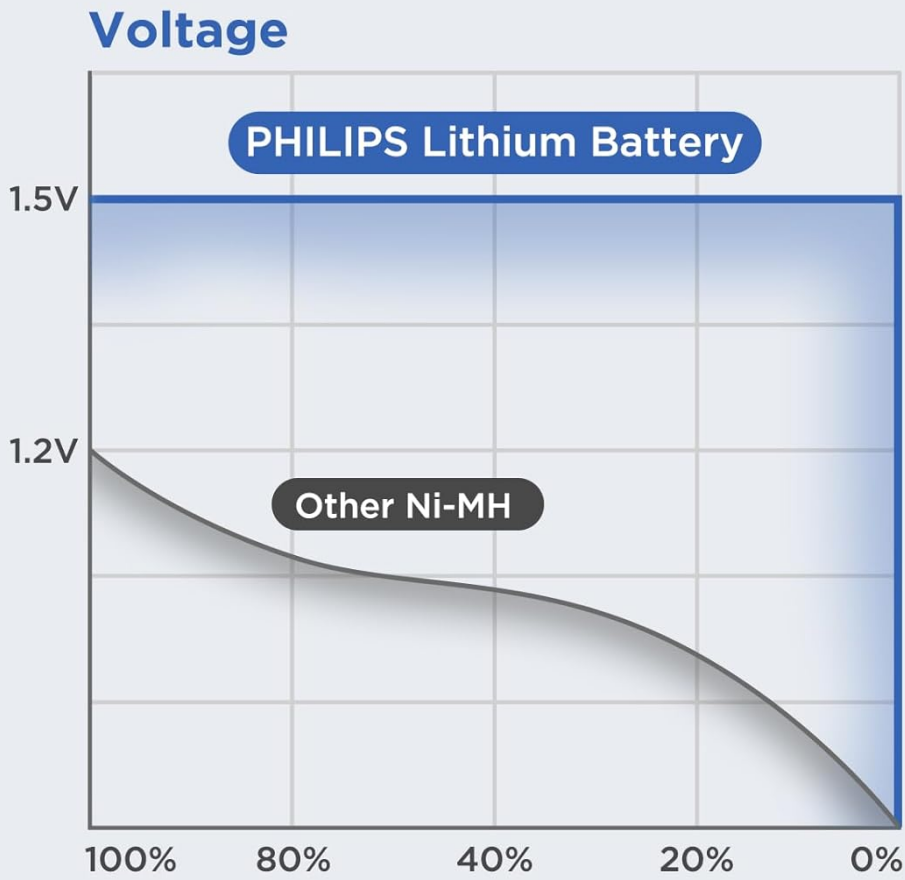
## 4.2. Battery Usage and Compatibility

These PHILIPS AA lithium rechargeable batteries are designed for high-drain devices requiring a constant 1.5V output.

- **Compatible Devices:** Ideal for Xbox controllers, PS5 controllers, digital cameras, solar lights, flashlights, voice recorders, RC cars, and other high-power consuming devices.
- **Incompatible Devices:** Not suitable for devices with specific voltage requirements or those that draw very low current over extended periods, such as smoke alarms or doorbell cameras. Always check your device's manual for battery compatibility.
- **Performance:** The lithium-ion technology ensures a steady 1.5V output throughout the battery's discharge cycle, preventing performance drops often seen with other battery types.

# Steady 1.5V

## No Performance Drop



Full-power output till depletion, no lag for gaming/cameras

Figure 4.2: Voltage comparison showing the consistent 1.5V output of PHILIPS Lithium Batteries.

# Power Your Favorites From Gaming to Smart Home

Perfectly supports over 30 high power  
consuming devices



Figure 4.3: PHILIPS batteries are suitable for a wide range of high-power consuming devices.

## 5. SAFETY INFORMATION

Adhere to the following safety guidelines to ensure safe operation and prolong the lifespan of your batteries and charger:

- **Exclusive Compatibility:** The charger features a smart recognition chip designed for exclusive compatibility with PHILIPS rechargeable AA lithium batteries. Do not attempt to charge other battery types (e.g., Ni-MH, alkaline) in this charger, as it may pose safety risks.
- **Quad-Protection System:** The charger is equipped with comprehensive safeguards against:
  - Overcharge
  - Over-discharge
  - Short-circuit
  - Overheating
- **General Battery Safety:**

- Do not disassemble, crush, puncture, or modify the batteries or charger.
- Do not expose batteries to fire, high temperatures, or direct sunlight.
- Keep batteries and charger away from water and moisture.
- Store in a cool, dry place.
- Keep out of reach of children and pets.
- If a battery leaks, avoid contact with skin and eyes. Seek medical attention if contact occurs.
- Dispose of batteries responsibly according to local regulations.

## 6. MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the charger and battery terminals. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the batteries in the provided charger case to protect them from dust and damage. Store the charger and batteries in a cool, dry environment.
- **Reactivation:** These batteries are capable of reactivation even when fully discharged to 0V, ensuring a longer usable life.
- **Long-Term Benefits:** With 1200 charge cycles and less than 3% monthly self-discharge, these batteries offer significant cost savings and reduce waste compared to disposable batteries. One set can replace up to 4,800 disposable AA batteries over its lifespan.

# Reduce 96% battery waste

0V recovery, no memory effect, <3% monthly self-discharge



Figure 6.1: Using rechargeable batteries significantly reduces environmental waste.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger LED shows red.	Overheating, voltage issue, or incompatible battery inserted.	Remove all batteries. Ensure only PHILIPS AA lithium batteries are used. Allow charger to cool if it feels warm. Reinsert batteries and try again. If the issue persists, contact support.
Batteries not charging (no flashing green LED).	Incorrect battery insertion, faulty cable/power source, or dirty contacts.	Check battery polarity. Ensure Type-C cable is securely connected to a 5V/3A power source. Try a different cable or power source. Clean battery and charger contacts with a dry cloth.

Problem	Possible Cause	Solution
Device not powering on with charged batteries.	Device incompatibility, incorrect battery insertion in device, or device malfunction.	Verify device compatibility (refer to Section 4.2). Check battery polarity in the device. Test batteries in another compatible device. If the issue persists, the device itself may be faulty.

## 8. SPECIFICATIONS

Feature	Detail
Battery Type	AA Lithium-ion Rechargeable
Nominal Voltage	1.5V (Constant Output)
Capacity	3600mWh
Charge Cycles	Up to 1200 cycles
Self-Discharge Rate	Less than 3% per month
Charger Input	Type-C, 5V/3A (recommended)
Charging Time	Approx. 2 hours for 1-4 batteries
Protection Features	Overcharge, Over-discharge, Short-circuit, Overheating

## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official PHILIPS website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.

**PHILIPS Official Website:** [www.philips.com](http://www.philips.com)