

Homesuit AA1000

Homesuit Rechargeable Lithium AA Batteries with Charger

Model: AA1000

INTRODUCTION

Thank you for choosing Homesuit Rechargeable Lithium AA Batteries with Charger. This manual provides essential information for the safe and efficient use of your new rechargeable battery system. Please read these instructions carefully before use and retain them for future reference.

WHAT'S IN THE BOX

- 8 x Homesuit Rechargeable Lithium AA Batteries (3600mWh)
- 1 x AA Lithium Battery Charger

SPECIFICATIONS

Feature	Description
Brand	Homesuit
Model Number	AA1000
Battery Type	Lithium AA
Capacity	3600mWh
Output Voltage	1.5 Volts (Constant)
Recharge Cycles	Up to 2000+

Charger Input	5V/3A (Type-C)
Charging Time	Approximately 2.5 hours
Safety Features	Over-Current, Short-Circuit, Over-Voltage, Over-Charge, Low Voltage, Over-Heat Protection

SETUP

1. Initial Charging

Before first use, fully charge all batteries. Connect the charger to a compatible 5V/3A power source using a Type-C cable. Insert the Homesuit 1.5V Lithium AA batteries into the charger slots, ensuring correct polarity (+/-). The LED indicators on the charger will show the charging status.

Rechargeable up to 2000



HOMESUIT Li-ion



Voltage: 1.5V

Cycle: 2000

Charing Time: 2.5 Hours

Ni-MH Battery



Voltage: 1.2V

Cycle: 500

Charing Time: 5 Hours and More

Image: The Homesuit 8-pack AA lithium batteries and the charging case. The batteries are black with gold lettering, and the charger is a compact black box with individual slots for each battery.

2. Charger Connection and Battery Insertion

Ensure the charger is placed on a stable, flat surface. Plug the Type-C cable into the charger's port and connect the other end to a USB power adapter. Open the magnetic flip cover of the charger. Insert each AA battery into its designated slot, matching the positive (+) and negative (-) terminals correctly. Close the cover once all batteries are inserted.

Your browser does not support the video tag.

Video: A demonstration of connecting the charger and inserting Homesuit AA lithium batteries. The video shows the charger's LED indicators lighting up as batteries are placed inside.

OPERATING INSTRUCTIONS

1. Battery Usage

Homesuit 1.5V Lithium AA batteries provide a constant 1.5V output, which is ideal for a wide range of electronic devices. They are designed to maintain consistent power delivery throughout their discharge cycle, unlike traditional NiMH batteries which may experience voltage drop.

Wide Applications

Wireless Mouse



Door Lock



Alarm Clock



Microphone



Game Controller



Image: Illustration showing various devices compatible with Homesuit AA lithium batteries, including door locks, alarm clocks, microphones, game controllers, and wireless mice.

2. High Capacity Performance

Each Homesuit AA lithium battery features a 3600mWh capacity, ensuring extended runtime for your devices. The advanced CPBI technology maximizes space utilization for high safety, density, and stability.



Image: A close-up of a Homesuit AA battery highlighting its 3600mWh capacity and internal structure with CPBI Sealing Tech for high safety, density, and stability.

3. Consistent Voltage Output

These batteries maintain a stable 1.5V output until they are nearly depleted. When the battery is running low, the voltage will drop to approximately 1.1V, providing a clear indication that replacement or recharging is needed without sudden power loss to your device.

1.5V Constant Output



Overcharge
Protection



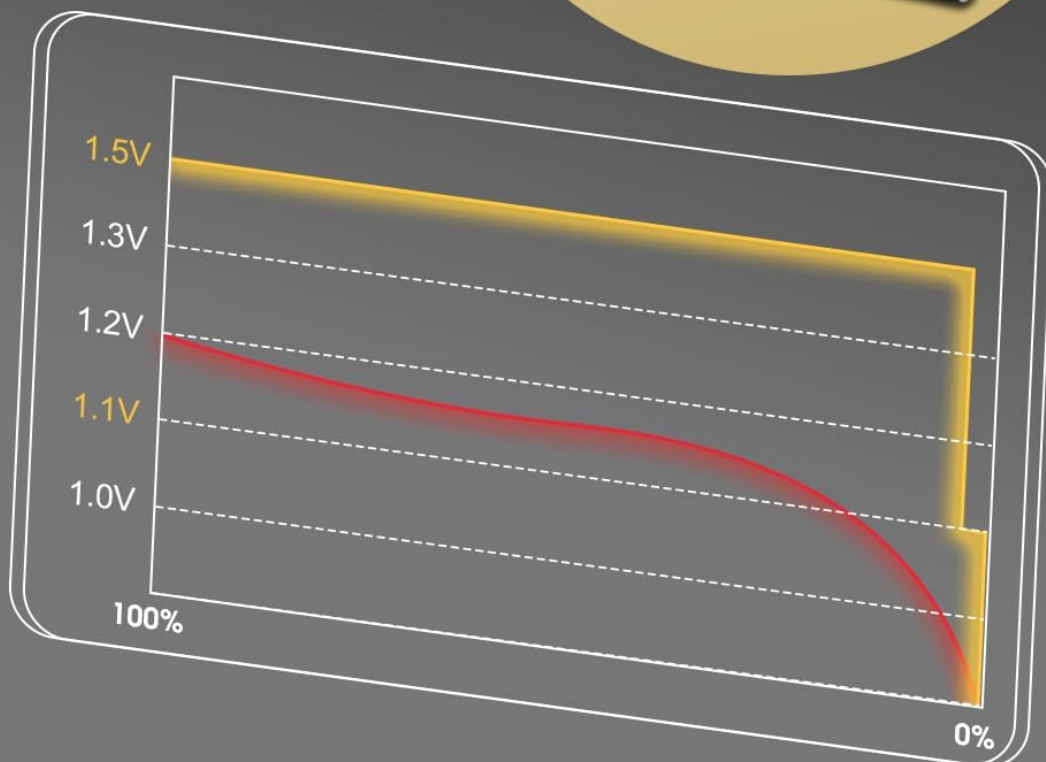
Overdischarge
Protection



Overheating
Protection



Short-circuit
Protection



keep device on and hold at 1.1V, enough time to replace

Image: A graph illustrating the constant 1.5V output of Homesuit lithium batteries compared to a typical voltage drop curve, showing a consistent power delivery until a final drop to 1.1V.

MAINTENANCE

1. Charging Cycles

Homesuit lithium AA batteries are designed for over 2000 recharge cycles, offering long-term cost savings and

environmental benefits. For optimal battery life, avoid deep discharge whenever possible.

2. 0V Activation and Refresh

The charger features 0V activation and protection. If a battery is fully depleted (0V) or has been stored for a long time, the charger will automatically refresh and activate it to 100% performance. This feature helps maintain battery health and extends its lifespan.

0V

Activate and Refresh

5V/3A

An illustration of a black, cube-shaped Homesuit battery charger. A USB-C cable is plugged into the left side. The top of the charger has five green indicator lights. To the right, a silver computer mouse is shown with an orange arrow pointing from the charger to it. Below the charger, a black cylindrical battery is shown with an orange arrow pointing from the charger to it. The battery has '3600 mAh' and 'HOMESUIT' printed on it. The Homesuit logo, which includes a house icon and the word 'HOMESUIT', is visible on the front of the charger.

Only for Homesuit 1.5V Lithium aa Batteries



Independent



Type-C



Storage Box



2.5 Hours

Image: An illustration of the Homesuit charger with a battery being inserted, demonstrating the 0V Activate and Refresh function. It

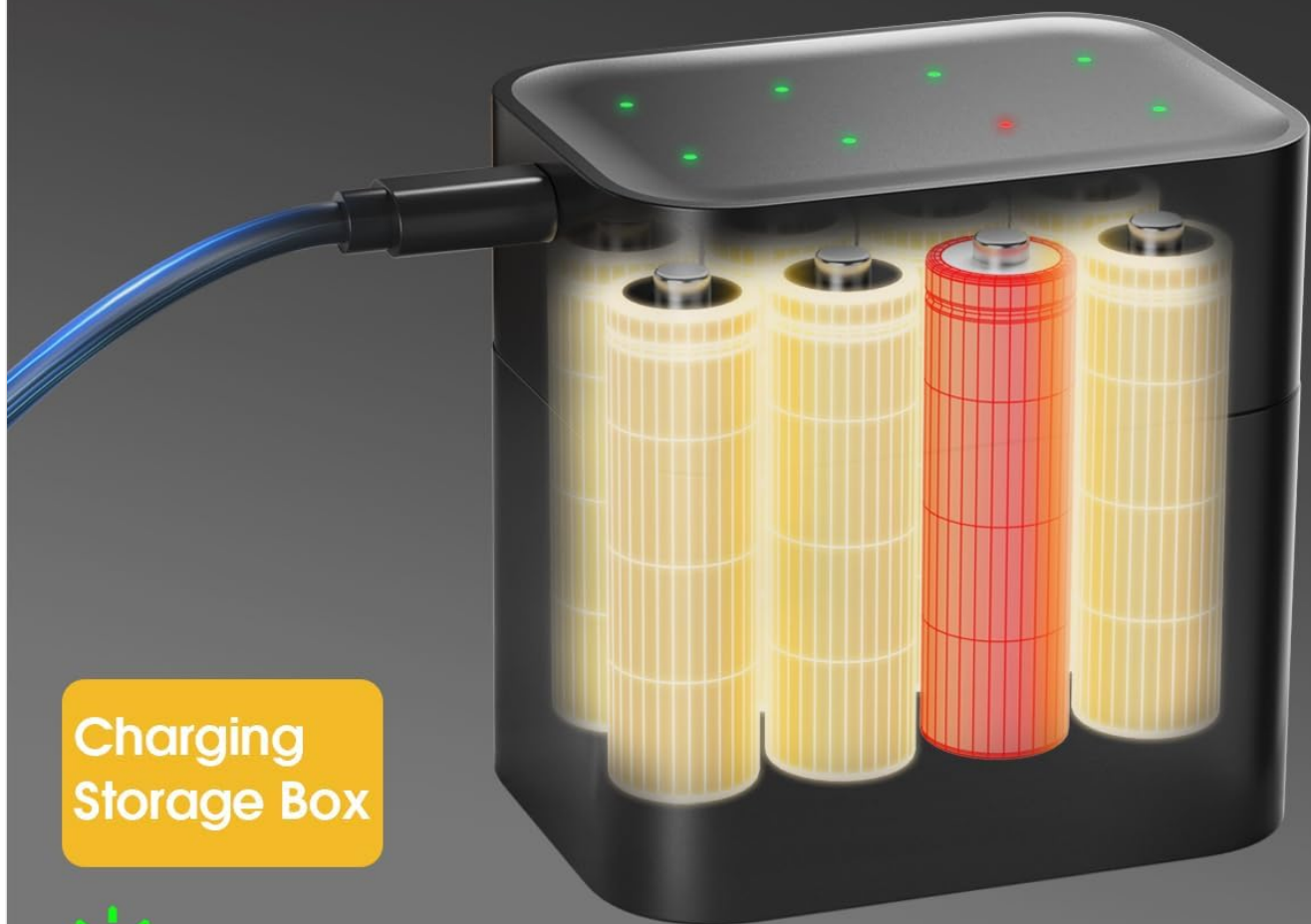
highlights the Type-C input, 2.5-hour fast charging, and independent charging slots.

3. LED Indicator Meanings

The built-in LED indicators on the charger provide clear status updates:

- **Flashing Green:** Battery is currently charging.
- **Static Green:** Battery is fully charged.
- **Red Light:** Indicates a battery error or incompatibility. This could mean the battery is dead/inactive or not a Homesuit 1.5V rechargeable lithium AA battery.

LED Independent



Charging
Storage Box



Charging



Fully Charged



Error

2.5 Hours
Fast

Image: A visual guide to the LED indicators on the Homesuit charger, showing flashing green for charging, static green for fully charged, and red for error/incompatibility.

4. Storage

Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, it is recommended to charge them to about 50% capacity.

TROUBLESHOOTING

- **Battery Not Charging (Red Light):** If the charger displays a red light for a battery, ensure it is a Homesuit 1.5V rechargeable lithium AA battery. The charger is specifically designed for these batteries and may not charge other types (e.g., 1.2V NiMH). If it is a Homesuit battery, it might be inactive or faulty. Try re-inserting the battery or using a different slot. The 0V activation feature should attempt to revive inactive batteries.
- **Slow Charging:** Ensure you are using a 5V/3A power adapter and a high-quality Type-C cable. Lower power adapters may result in slower charging times.
- **Batteries Not Holding Charge:** Over time, all rechargeable batteries degrade. If batteries are significantly underperforming despite proper charging, they may be nearing the end of their lifespan (rated for 2000+ cycles).
- **Charger Overheating:** The charger has over-heat protection. If it becomes excessively hot, disconnect it immediately. Ensure proper ventilation around the charger during use.

SAFETY INFORMATION

- Only use the provided charger or a compatible Homesuit charger for these batteries.
- Do not attempt to charge 1.2V NiMH batteries or other battery types with this charger.
- Do not disassemble, crush, puncture, or short-circuit the batteries or charger.
- Keep batteries and charger away from water, fire, and extreme temperatures.
- Dispose of batteries according to local regulations. Do not dispose of them in household waste.
- Keep out of reach of children.

WARRANTY AND SUPPORT

Warranty

This product comes with a 1-Year Manufacturer Warranty. Please retain your proof of purchase for warranty claims.

Customer Support

For any questions, technical assistance, or warranty inquiries, please contact Homesuit customer support through the retailer where you purchased the product or visit the official Homesuit website.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

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

Submit question