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VariCore VC-AA-4000mwh

VariCore 4000mWh Rechargeable AA Batteries USB C 4 PCS Instruction Manual

Model: VC-AA-4000mwh | Brand: VariCore

1. PRODUCT OVERVIEW

The VariCore 4000mWh Rechargeable AA Lithium-ion Batteries are designed to provide stable and long-lasting power for various electronic devices. These batteries feature a high capacity of 4000mWh with a constant 1.5V output, making them suitable for high-drain applications. They are an environmentally friendly alternative to single-use alkaline batteries, offering over 1200 recharge cycles.



4000mwh HIGH CAPACITY
Li-ion battery super battery life

1200 CHARGING CYCLES ⚡
Longer battery life, saving money for you ⚡
High Capacity Long Lasting Power ⚡
Low Energy Loss ⚡

General Ni-MH Battery

Voltage
12V
Capacity
100% 80% 40% 20% 0%

Li-ion Battery

Voltage
1.5V
Capacity
100% 80% 40% 20% 0%

The graphic displays four AA batteries: two with USB-C ports and two standard. A large '5' is on the side of the batteries. The text 'VariCore AA 4000mAh' and 'VC-40001 Li-ion AA 1.5V' is visible on the batteries. The background is a dark blue space theme with stars.

Image 1: VariCore 4000mAh Rechargeable AA Batteries, highlighting their 1200+ cycle life for extended use.

2. SETUP AND CHARGING

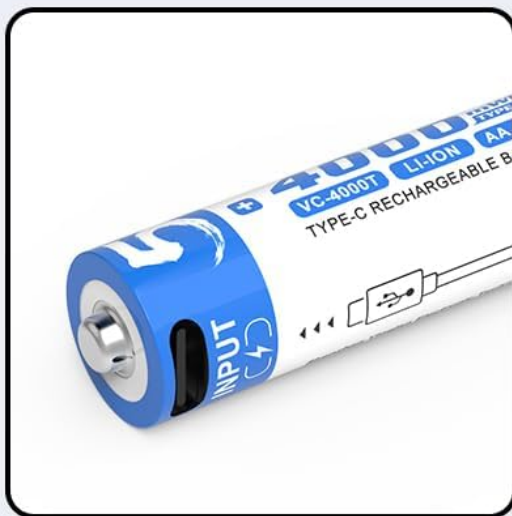
These batteries feature a convenient USB-C charging design, eliminating the need for a separate charger. Each battery has a dedicated USB-C port for direct charging.

2.1 Initial Charge

1. Connect the provided 4-in-1 USB-C charging cable to each battery's USB-C port.
2. Plug the USB-A end of the cable into a compatible USB power source (e.g., laptop, power bank, wall adapter).
3. The LED indicator on the battery will flash green during charging.
4. Once fully charged, the LED indicator will turn solid green. A full charge typically takes approximately 2.5 hours.

CHARGING STATUS

The charging status can be determined by the light



*When not fully charged, the light flashes.

*When fully charged, the light stays on constantly.

Image 2: Illustration of the LED indicator on the VariCore AA battery, showing flashing green for charging and solid green for fully charged status.

EASY AND CONVENIENT TO CHARGE ANY WHERE



You can charge it using various methods such as a laptop, power bank, or wall outlet, making it much more convenient and efficient to charge anytime, anywhere.

Image 3: VariCore AA batteries connected to a multi-port USB-C cable, demonstrating convenient charging from a laptop, power bank, or wall outlet.

2.2 Inserting Batteries

Insert the batteries into your device according to the polarity markings (+/-) inside the battery compartment. Ensure a secure fit.

3. OPERATING INSTRUCTIONS

These batteries provide a constant 1.5V output, ensuring stable performance for your devices throughout their discharge cycle. They are ideal for a wide range of high-drain electronics.

3.1 Compatible Devices

- Remote controls
- Smart door locks
- Electric toys
- Flashlights
- Keyboards and mice
- Cameras and other high-drain gadgets

APPLICABLE EQUIPMENT



Image 4: Various devices such as remote controls, smart locks, gamepads, electric toys, flashlights, and keyboards/mice, illustrating the wide range of compatible equipment for VariCore AA batteries.

3.2 Video Demonstration: Charging and Usage

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Video 1: An official VariCore video demonstrating the charging process and general usage of the 4000mWh Rechargeable Lithium AA Batteries.

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Video 2: A seller-provided video showcasing the VariCore 4000mWh Rechargeable AA Batteries in various applications.

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Video 3: A seller-provided video highlighting the powerful and long-lasting features of the USB-C Rechargeable AA Batteries.

4. MAINTENANCE AND SAFETY

Proper maintenance ensures the longevity and safe operation of your VariCore rechargeable batteries.

4.1 Charging Cycles

The batteries are designed for over 1200 charge cycles, providing significant long-term value. To maximize battery life, avoid completely draining them before recharging when possible.

4.2 Safety Protection

Each battery is equipped with a built-in integrated safety circuit to ensure safe operation. This system prevents:

- Overcharging: Charging automatically stops when the battery is full.
- Overcurrent
- Overvoltage
- Overheating
- Short circuits

INTELLIGENT PROTECTION CHIP

Multiple self-protection functions prevent damage and extend product lifespan.



Image 5: Diagram illustrating the intelligent protection chip within the VariCore AA battery, designed to prevent damage and extend lifespan through multiple self-protection functions.

4.3 Environmental Considerations

These lithium-ion batteries are a sustainable choice, reducing the waste associated with disposable batteries. Please dispose of used batteries responsibly according to local regulations.

5. TROUBLESHOOTING

If you encounter issues with your VariCore rechargeable AA batteries, consider the following:

- **Battery Not Charging:** Ensure the USB-C cable is securely connected to both the battery and the power source. Check if the power source is active. The LED indicator should flash green when charging.
- **Device Not Powering On:** Verify that the batteries are inserted correctly with the correct polarity. Ensure the batteries are sufficiently charged (solid green LED indicator).
- **Reduced Performance:** While designed for many cycles, battery performance can degrade over time. If batteries consistently hold less charge or provide weaker power, they may be nearing the end of their lifespan.

6. SPECIFICATIONS

Feature	Detail
Product Dimensions	1.96 x 0.55 x 0.55 inches
Item Weight	0.705 ounces
Item Model Number	VC-AA-4000mwh
Battery Type	Lithium Ion
Battery Capacity	4000mWh (2666 Milliamp Hours)
Voltage	1.5V Constant
Recharge Cycles	Over 1200
Charging Port	USB-C (on battery)
Operating Temperature Range	-20°C to 60°C (implied from image)

7. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official VariCore website or contact their customer service directly. Keep your purchase receipt for any warranty claims.