

AYL AYL500

AYL LED Camping Lantern

MODEL AYL500 INSTRUCTION MANUAL

Your versatile lighting solution for outdoor adventures and emergencies.

1. Introduction

The AYL LED Camping Lantern Model AYL500 is a multifunctional, rechargeable lighting device designed for various situations, including camping, hiking, power outages, and emergency preparedness. It combines a powerful flashlight, a 360-degree lantern, and a spotlight, all within a durable and portable design. This manual provides essential information for the safe and effective use of your lantern.

Key features include 1000 lumens of total illumination, IPX4 water resistance, impact-proof construction, and a built-in 4000mAh power bank for charging mobile devices.

2. What's in the Box

- 1 x AYL LED Camping Lantern (Model AYL500)
- 1 x USB Charging Cable
- 1 x Carry Strap
- 1 x 2-Way Hook



Figure 1: Included items in the AYL LED Camping Lantern package.

3. Product Features

- **Multifunctional Design:** Operates as a powerful flashlight (400 lumens), a 360-degree lantern (600 lumens), and a spotlight.
- **High Illumination:** Total output of 1000 lumens for bright and comprehensive lighting.
- **Durable Construction:** Made of Acrylonitrile Butadiene Styrene (ABS) for excellent water-resistance (IPX4) and impact-proof protection. Features a sturdy rubber base.
- **Integrated Power Bank:** Equipped with a 4000mAh built-in rechargeable lithium-ion polymer battery to charge mobile phones and other gadgets via USB.
- **Convenient Portability:** Features a retractable handle, carry strap, and a hook for easy carrying, hanging in tents, rooms, or on tree branches. Includes a nylon bag for storage.
- **Multiple Lighting Modes:** Offers 6 lighting modes for various needs.

AYL LED Camping Lantern

Easy & Convenient!!
The lantern can be
charged anytime,
anywhere

It has built-in
4000mAh
rechargeable battery



Figure 2: The lantern's versatile carrying and hanging options.

4. Specifications

Specification	Value
Product Dimensions	3.25"L x 3.25"W x 6.5"H
Item Weight	12.4 Ounces
Battery Type	Rechargeable Lithium-ion Polymer (4000mAh)
Water Resistance Level	IPX4 (Water Resistant)
Luminous Flux	1000 lumens (400lm front, 600lm 360-degree)
Voltage	3.7 Volts
Wattage	6.67 watts
Material	Acrylonitrile Butadiene Styrene (ABS)

5. Setup

1. **Initial Charge:** Before first use, fully charge the lantern using the provided USB charging cable. Connect the cable to the USB-C input port located under the protective flap on the top of the lantern. The blue indicator lights will show the charging progress.
2. **Unfold Panels (Optional):** For 360-degree illumination, gently pull out the three LED panels from the main body. These panels can be adjusted to direct light as needed.
3. **Attach Accessories:** Use the included carry strap for hands-free portability or attach the 2-way hook to hang the lantern in your tent, on a branch, or other suitable locations.



Figure 3: Compact design and dimensions of the lantern.

6. Operating Instructions

The lantern features a single power button on the top for controlling all lighting modes.

1. **Power On/Off:** Press the power button once to turn on the flashlight mode. To turn off the lantern from any mode, press and hold the power button for approximately 2-3 seconds.
2. **Cycle Through Modes:** Once the lantern is on, short press the power button repeatedly to cycle through the available lighting modes:
 - Front Flashlight (High)

- Front Flashlight (Low)
- 360-degree Lantern (High)
- 360-degree Lantern (Low)
- Red Light (Steady)
- Red Light (Strobe/SOS)



Figure 4: Demonstrating the flashlight and lantern illumination.

Your browser does not support the video tag. This video demonstrates the various lighting modes and features of the AYL LED Camping Lantern, including its foldable panels and power bank function.

Video 1: Overview of AYL Portable LED Rechargeable Camping Lantern Solution.

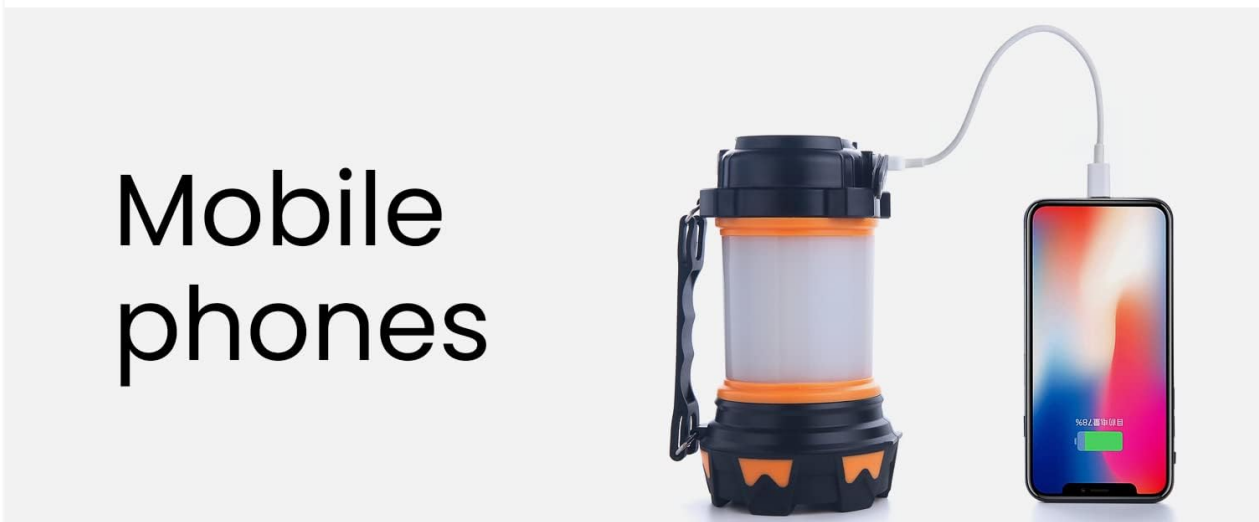
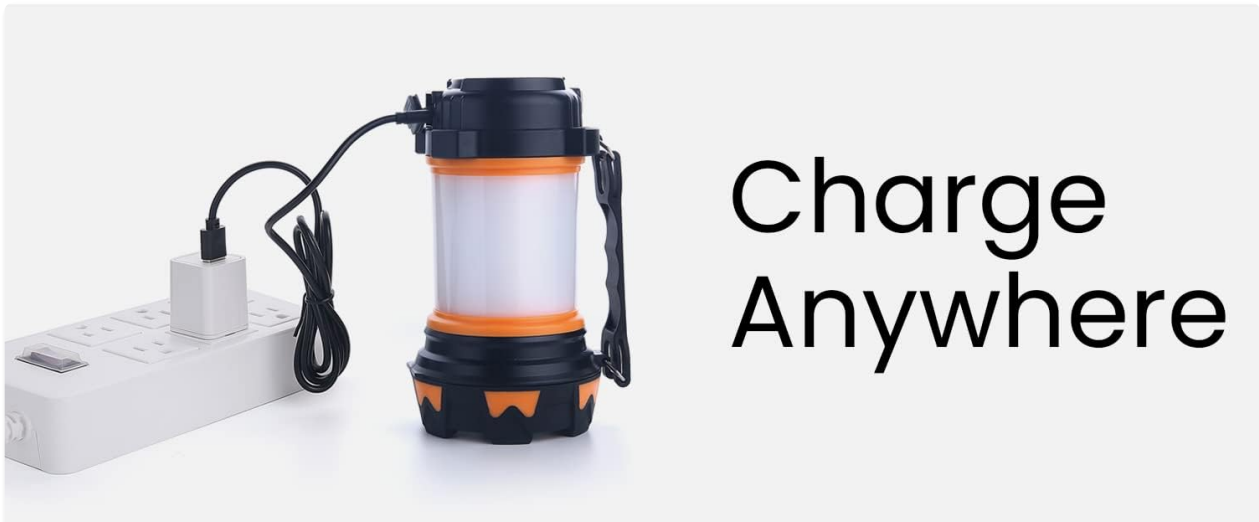
7. Charging Instructions

The AYL LED Camping Lantern is equipped with a 4000mAh rechargeable battery. To charge the lantern:

1. Locate the protective rubber flap on the top of the lantern.
2. Open the flap to reveal the USB-C input port.
3. Connect the provided USB charging cable to the USB-C input port and plug the other end into a compatible

USB power source (e.g., wall adapter, computer, power bank).

4. The blue LED indicators on the top will illuminate to show the charging status. All 4 lights indicate a full charge.



LONG LASTING 4000MAH BUILT-IN BATTERY
It can be used as a power bank for charging electronic devices in an emergency.

Figure 5: Charging the AYL LED Camping Lantern.

8. Power Bank Function

The lantern can also function as a power bank to charge your mobile devices.

1. Locate the USB-A output port next to the USB-C input port under the protective flap.
2. Connect your device's charging cable to the USB-A output port on the lantern.
3. The lantern will begin charging your device. The blue LED indicators will show the remaining battery level of the lantern.



Figure 6: Using the lantern as a power bank.

9. Maintenance

- **Cleaning:** Wipe the lantern with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the lantern in a cool, dry place away from direct sunlight when not in use. Ensure it is fully charged before long-term storage to preserve battery life.
- **Battery Care:** To maintain optimal battery performance, fully charge the lantern at least once every 3 months, even if not in use.

10. Troubleshooting

- **Lantern Not Turning On:**
 - Ensure the battery is charged. Connect to a power source and check the LED indicators.
 - Press and hold the power button for 2-3 seconds to ensure it's not in a standby mode.
- **Device Not Charging from Power Bank:**
 - Verify the lantern has sufficient battery charge.
 - Ensure the charging cable is securely connected to both the lantern's USB-A output and your device.
 - Try a different charging cable or device to rule out compatibility issues.

11. Safety Information

- **Eye Safety:** **DO NOT SHINE LIGHT DIRECTLY INTO FACE OR EYES!** This can cause temporary vision impairment or irritation.
- **Water Resistance:** The lantern is IPX4 water resistant, meaning it can withstand splashes from any direction. It is not designed for submersion in water.
- **Temperature:** Avoid exposing the lantern to extreme temperatures (hot or cold) or direct sunlight for prolonged periods.
- **Children:** Keep out of reach of small children.
- **Disassembly:** Do not attempt to disassemble or modify the lantern. This will void the warranty and may cause damage or injury.



Figure 7: Important eye safety warning.

12. Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official AYL website. Keep your proof of purchase for any warranty claims.