

ALSTU P50

ALSTU P50 Rechargeable LED Flashlight User Manual

Model: P50 | Brand: ALSTU

			Introduction	Package Contents	Product		
Overview	Setup	Operation	Charging	Maintenance & Support	Troubleshooting	Specifications	Warranty

1. INTRODUCTION

Thank you for choosing the ALSTU P50 Rechargeable LED Flashlight. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new flashlight. Please read this manual thoroughly before use and retain it for future reference.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 3x ALSTU P50 Bright Flashlight (with built-in battery)
- 3x USB Charging Cable
- 3x Lanyard
- 1x User Manual

3. PRODUCT OVERVIEW

The ALSTU P50 is a high-lumen, rechargeable LED flashlight designed for various applications including camping, hiking, home use, and emergencies. It features a durable aluminum alloy housing, multiple lighting modes, and an adjustable beam for versatile illumination.

PARTEABLE SIZE EASY TO CARRY

Portable size for work-life



Figure 1: ALSTU P50 Flashlight Components. This diagram illustrates the key parts of the flashlight, including the LED chip, power switch, indicator light, non-slip handle, adjustable design, rear cover, and safety hammer.

Key Components:

- **LED Chip:** Provides powerful and efficient illumination.
- **Power Switch:** Controls power on/off and mode selection.
- **Indicator Light:** Displays battery status during use and charging.
- **Adjustable Design:** Allows for beam focus adjustment (wide to narrow).
- **Non-slip Handle:** Ensures a secure grip.
- **Safety Hammer:** Integrated into the rear cover for emergency use.

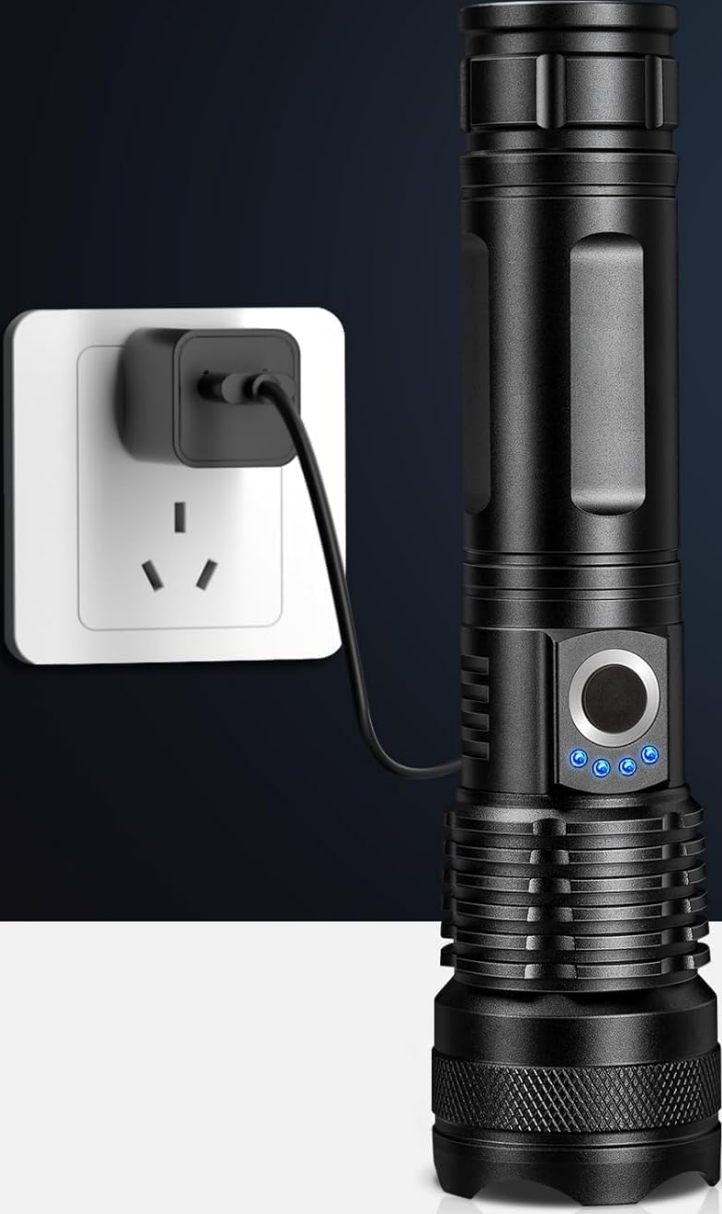
4. SETUP

4.1 Initial Charging

Before first use, fully charge the flashlight's built-in battery. This ensures optimal performance and battery longevity.

1. Locate the charging port on the flashlight (typically covered by a rubber flap).
2. Connect one end of the provided USB charging cable to the flashlight's charging port.
3. Connect the other end of the USB cable to a compatible USB power source (e.g., wall adapter, computer USB port, power bank).
4. The indicator lights will show charging progress. A full charge typically takes 3-5 hours.
5. Once fully charged, disconnect the cable and ensure the charging port cover is securely closed to maintain water resistance.

USB RECHARGEABLE



3-5 Hours
Charging time

2750 mAh
Large capacity

Ours	vs	Other
Fast Charging Fully Charged in 4 Hours		Micro USB 60% Charge in 4 Hours

Figure 2: USB Rechargeable Flashlight. The image shows the flashlight connected to a wall adapter via a USB cable for charging, highlighting its 2750 mAh capacity and fast charging capability.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the power switch button once to turn the flashlight ON. Press and hold the power switch for approximately 2 seconds to turn the flashlight OFF.

5.2 Changing Light Modes

With the flashlight ON, press the power switch button repeatedly to cycle through the available lighting modes:

1. **High:** Maximum brightness for extensive illumination.
2. **Medium:** Balanced brightness for general use.
3. **Low:** Reduced brightness for extended battery life or close-range tasks.
4. **Strobe:** Flashing light for signaling or disorientation.
5. **SOS:** International Morse code signal for emergencies.



Figure 3: Five Light Modes. This image demonstrates the visual effect of the High, Medium, Low, Strobe, and SOS lighting modes in various outdoor settings.

5.3 Adjusting Focus

The ALSTU P50 flashlight features an adjustable beam. To change the focus from a wide floodlight to a narrow spotlight, gently push or pull the head of the flashlight forward or backward.

- **Wide Beam:** Provides a broad area of illumination, ideal for general lighting or close-range tasks.

- **Narrow Beam:** Concentrates the light into a powerful spotlight, suitable for long-distance viewing.



Figure 4: Adjustable Focus. This image illustrates the difference between a wide beam (floodlight) and a narrow beam (spotlight) produced by the flashlight's adjustable focus feature.

Video 1: Demonstrating the Super Bright Flashlight. This short video clip shows the flashlight's powerful beam in action, highlighting its brightness and effectiveness in dark environments.

6. CHARGING

The ALSTU P50 flashlight is equipped with a rechargeable battery and a smart charging port for efficient and safe charging.

6.1 Charging Process

1. Ensure the flashlight is turned OFF before charging.
2. Open the rubber cover protecting the USB charging port.
3. Insert the USB charging cable into the flashlight's port and connect the other end to a 5V USB power adapter.

- 4. The indicator lights on the flashlight will illuminate to show charging status. Typically, blue lights will progressively light up as the battery charges.
- 5. When all indicator lights are solid blue, the flashlight is fully charged.
- 6. Disconnect the USB cable and firmly close the rubber cover to protect the port from dust and water.

6.2 Battery Indicator

The blue indicator lights near the power switch provide an approximate indication of the remaining battery charge:

- **4 Lights:** 75-100% charge
- **3 Lights:** 50-75% charge
- **2 Lights:** 25-50% charge
- **1 Light:** Below 25% charge, recharge soon.

The flashlight features over-voltage and over-current protection to ensure safe charging.

7. MAINTENANCE

7.1 Cleaning

Wipe the flashlight's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the charging port cover is closed before cleaning to prevent water ingress.

7.2 Storage

Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge the battery to approximately 50-75% every 3-6 months to maintain battery health.

7.3 Battery Care

Avoid fully depleting the battery frequently. Recharge the flashlight when the battery indicator shows low charge. Do not attempt to replace the built-in battery yourself.

8. TROUBLESHOOTING

If you encounter issues with your ALSTU P50 flashlight, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is depleted.	Charge the flashlight fully.
Light is dim or flickers.	Low battery charge.	Recharge the flashlight.
Flashlight does not charge.	USB cable or power source issue. Charging port not properly connected.	Try a different USB cable or power adapter. Ensure the cable is securely connected to both the flashlight and the power source. Check for debris in the charging port.
Cannot change light modes.	Power switch malfunction.	Ensure the flashlight is ON. If the issue persists, contact customer support.

If the problem persists after attempting these solutions, please contact ALSTU customer service for further assistance.

9. SPECIFICATIONS

Technical specifications for the ALSTU P50 Rechargeable LED Flashlight:

Feature	Detail
Model Number	P50
Light Source Type	LED
Brightness	Up to 99,000 Lumens
Power Source	Battery Powered (Rechargeable)
Battery Capacity	2750 mAh (Built-in)
Charging Time	3-5 Hours
Run Time	Up to 12 hours (low brightness mode)
Light Modes	High, Medium, Low, Strobe, SOS
Material	Aircraft-grade Aluminum Alloy
Water Resistance Level	Waterproof
Product Dimensions	1.3"D x 1.6"W x 6.5"H
Item Weight	0.74 Kilograms (approx. 1.63 lbs)
Special Features	Rechargeable, High Power, Adjustable Light Modes, Adjustable Focus, Durable, Impact Resistant, Long Range, Portable

10. WARRANTY AND SUPPORT

10.1 Warranty Information

ALSTU provides an extended warranty for this product. Please refer to the product packaging or the official ALSTU website for specific warranty terms and conditions.

10.2 Customer Support

For any questions, concerns, or issues regarding your ALSTU P50 flashlight, including malfunctions, missing accessories, or damaged packages, please contact ALSTU customer service directly through the Amazon platform where the product was purchased. Our team of engineers is available 24/7 to provide professional assistance.

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.

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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.

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