

ASORT T6

ASORT T6 LED Flashlight User Manual

Model: T6 | Brand: ASORT

1. INTRODUCTION

Thank you for choosing the ASORT T6 LED Flashlight. This powerful and versatile flashlight is designed for various outdoor activities, emergencies, and daily use. Featuring high brightness, multiple lighting modes, adjustable focus, and a robust waterproof design, it is an essential tool for your adventures. Please read this manual carefully to ensure proper use, maintenance, and to maximize the product's lifespan.

2. PRODUCT OVERVIEW

2.1 Package Contents

- 1 x ASORT T6 LED Flashlight
- 3 x 18650 Rechargeable Lithium Batteries
- 1 x Type-C Fast Charging Data Cable
- 1 x Lanyard
- 1 x User Manual

2.2 Components Diagram

Familiarize yourself with the main parts of your ASORT T6 LED Flashlight:



Figure 1: Flashlight Components (Non-slip grip, 18650 Lithium Battery, Light Switch, Telescopic Zoom Lever, Alloy Wire Cooling, Zoom Convex Lens)

2.3 Key Features

- **Ultra-Bright Illumination:** Equipped with a 30W high-power LED lamp bead, delivering up to 30,000 lumens (max 40,000 lumens) and a beam distance of up to 1000 meters. Capable of illuminating a 130 square meter area.
- **5 Lighting Modes & Adjustable Focus:** Easily switch between Glare, Medium Light, Strobe, SOS, and Stepless Dimming modes. The telescopic head allows for seamless adjustment between spotlight and floodlight.



Figure 2: Five Dimming Modes

- **High-Capacity Rechargeable Battery:** Features 3 built-in 18650 lithium batteries with a total capacity of 6000mAh, providing up to 16 hours of runtime.
- **Two-Way Type-C Charging:** Integrated Type-C fast charging port allows for 2-3 hour charging. The flashlight also functions as a power bank to charge mobile phones and other devices.



Figure 3: Type-C Input & USB Output (Power Bank Function)

- **IPX67 Waterproof & Durable Design:** Sealed protection prevents rain and dust ingress. Features a special groove design for rapid heat dissipation and is built to withstand harsh conditions. It also includes overcharge/discharge protection for battery safety.



Figure 4: IPX67 Dustproof and Waterproof Design

3. SETUP

3.1 Battery Installation

Your ASORT T6 LED Flashlight comes with 3 x 18650 lithium batteries. Ensure they are correctly installed before first use.

1. Unscrew the tail cap of the flashlight.
2. Insert the three 18650 batteries according to the polarity markings (+/-) inside the battery compartment. Ensure the positive (+) end faces towards the head of the flashlight.
3. Screw the tail cap back on tightly to ensure a secure connection and maintain waterproofing.



Figure 5: Battery Installation

3.2 Initial Charging

For optimal performance, fully charge the flashlight before its first use.

1. Locate the Type-C charging port on the flashlight body.
2. Connect the provided Type-C USB 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, power bank).
4. The power indicator light will show charging status. A full charge typically takes 2-3 hours.



Figure 6: Charging Interface

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press the power button once to turn the flashlight ON. Press it again to cycle through modes or turn it OFF after cycling through all modes.

4.2 Changing Lighting Modes

With the flashlight ON, press the power button repeatedly to cycle through the 5 lighting modes:

1. **Glare:** Maximum brightness.
2. **Medium Light:** Moderate brightness for general use.
3. **Strobe:** Flashing light for signaling or disorientation.
4. **SOS:** International Morse code signal for emergencies.
5. **Stepless Dimming:** From any normal mode, press and hold the power button for three seconds to enter stepless dimming. Release to set brightness.

4.3 Adjusting Focus (Zoom)

The flashlight features a telescopic zoom function to adjust the beam from a wide floodlight to a focused spotlight.

- To zoom in (spotlight), extend the head of the flashlight forward.
- To zoom out (floodlight), retract the head of the flashlight backward.



Figure 7: Telescopic Zoom Function

4.4 Charging External Devices (Power Bank Function)

The ASORT T6 can act as a power bank to charge other USB-powered devices.

1. Connect your device's USB charging cable to the flashlight's USB output port.
2. The flashlight will begin charging your device.

4.5 Battery Indicator

The power button features an integrated indicator light to show battery status:

- **Green Light:** Sufficient battery power.
- **Red Light:** Low battery, requires charging.

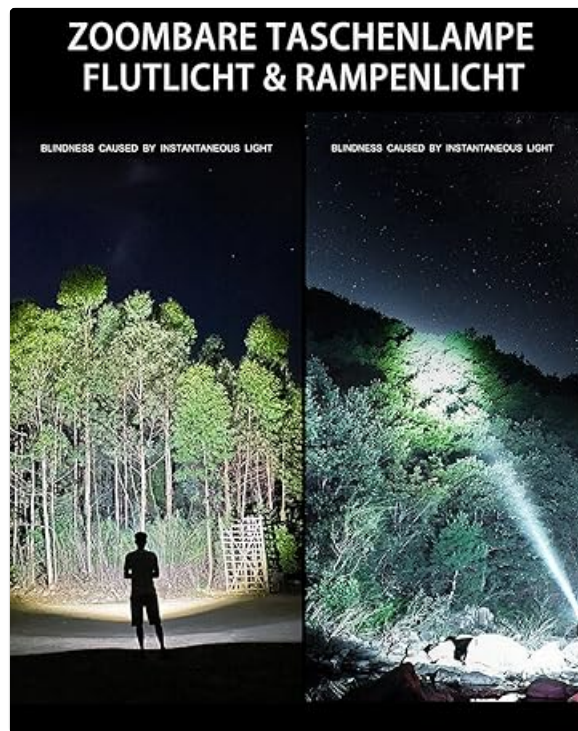


Figure 8: Power Indicator

5. MAINTENANCE

5.1 Cleaning

- Wipe the flashlight with a clean, soft cloth.
- For stubborn dirt, use a slightly damp cloth. Do not use abrasive cleaners or solvents.
- Ensure the charging port cover is securely closed to prevent dust and water ingress.

5.2 Storage

- Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for an extended period, charge the batteries every 3-6 months to maintain their health.

5.3 Battery Care

- Use only the recommended 18650 lithium-ion batteries.
- Avoid over-discharging or over-charging the batteries. The flashlight has built-in protection, but good practice extends battery life.
- If the flashlight will not be used for a long time, it is advisable to remove the batteries.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Low battery; improperly installed batteries; faulty switch.	Charge the flashlight. Check battery polarity. Ensure tail cap is tightened. If problem persists, contact support.

Problem	Possible Cause	Solution
Light is dim or flickers.	Low battery; loose connections.	Recharge the flashlight. Ensure batteries are properly seated and tail cap is tight.
Cannot charge external devices.	Flashlight battery is too low; incorrect cable.	Ensure flashlight is sufficiently charged. Use a compatible USB cable.
Water ingress after exposure.	Charging port cover not sealed; damaged O-rings.	Ensure all covers are tightly sealed before water exposure. Inspect O-rings for damage and replace if necessary.

7. SPECIFICATIONS

Model Number	T6
Light Source	30W LED
Brightness	30,000 Lumens (Max 40,000 Lumens)
Beam Distance	Up to 1000 meters
Lighting Modes	Glare, Medium Light, Strobe, SOS, Stepless Dimming
Battery Type	3 x 18650 Lithium-ion (6000mAh total)
Run Time	Up to 16 hours
Charging Port	Type-C (Input & Output)
Charging Time	2-3 hours
Waterproof Rating	IPX67
Material	Aluminum Alloy
Dimensions (L x W x H)	16.8 x 5 x 4.5 cm
Weight	570 grams
Color Temperature	6000 Kelvin
Wattage	40 Watts

8. SAFETY INFORMATION

- **DO NOT** shine the flashlight directly into eyes. The intense light can cause temporary vision impairment or permanent eye damage.
- Keep out of reach of children.

- **DO NOT** disassemble the flashlight head or modify the internal circuitry, as this may damage the device and void the warranty.
- Avoid exposing the flashlight to extreme heat or open flames.
- Ensure the charging port cover is fully sealed before exposing the flashlight to water or dusty environments.
- Use only the provided charging cable and recommended batteries.

9. WARRANTY AND SUPPORT

ASORT products come with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included in your package or contact ASORT customer service. If you encounter any issues or have questions regarding your ASORT T6 LED Flashlight, please contact our support team for assistance.

Customer Support: Please refer to your purchase platform or ASORT official website for contact information.