

## Wurkkos Wurkkos-WK15

# Wurkkos WK15 LED Rechargeable Flashlight User Manual

Model: Wurkkos-WK15 | Brand: Wurkkos

## 1. INTRODUCTION

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The Wurkkos WK15 is a powerful, versatile, and compact LED flashlight designed for a wide range of applications, including emergency use, camping, hiking, and general outdoor activities. Featuring a high-efficiency XHP50.2 LED, it delivers up to 3000 lumens of brightness and offers multiple lighting modes to suit various needs. Its robust aluminum alloy construction and IP68 waterproof rating ensure durability and reliability in challenging environments. The WK15 also includes a convenient USB-C rechargeable battery with power bank functionality.



Figure 1: Wurkkos WK15 LED Rechargeable Flashlight with included accessories and charging capability.

## 2. WHAT'S IN THE BOX

- WK15 High Lumens Flashlight
- 5000mAh Lithium Ion Battery (included)
- USB-C Charging Cable
- Wristband
- O-ring (spare)
- User's Guide



Figure 2: All items included in the Wurkkos WK15 product package.

## 3. SETUP

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### 3.1 Battery Installation

Before first use, unscrew the tail cap of the flashlight and remove the protective plastic insulator disc from the positive end of the battery. Insert the 21700 Lithium Ion battery with the positive (+) end facing towards the flashlight head. Screw the tail cap back on securely.

### 3.2 Initial Charging

The WK15 is equipped with a built-in USB-C charging port. To charge the flashlight, open the rubber cover on the side of the flashlight head to reveal the USB-C port. Connect the provided USB-C charging cable to the port and plug the other end into a compatible USB power source (e.g., wall adapter, computer USB port). The indicator light on the side switch will show charging status: Red indicates charging, Green indicates fully charged.

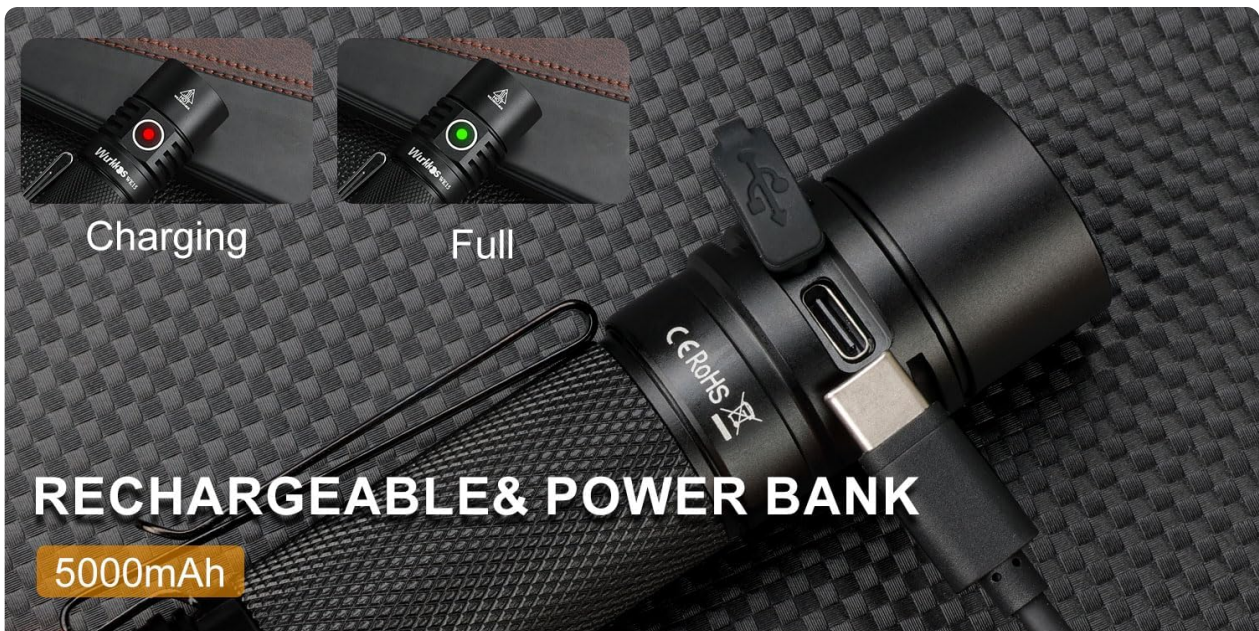


Figure 3: The WK15 flashlight demonstrating its USB-C charging and power bank capabilities.

Video 1: Demonstrates the USB-C charging process for the Wurkkos WK15 flashlight, including opening the port and connecting the cable.

## 4. OPERATING INSTRUCTIONS

### 4.1 Basic Operation

- **Turn On/Off:** Single-click the side switch to turn the flashlight on or off. The flashlight will remember the last used brightness mode (except Turbo and Strobe).

### 4.2 Mode Switching

- **Cycle Brightness Modes:** When the flashlight is ON, press and hold the side switch to cycle through the brightness modes: Low → Medium → High → Eco. Release the switch to select the desired mode.
- **Moonlight Mode:** When the flashlight is OFF, press and hold the side switch for 1 second to enter Moonlight mode (1 lumen).

### 4.3 Special Modes

- **Turbo Mode:** Double-click the side switch from ON or OFF to activate Turbo mode (3000 lumens). Single-click to return to the previously used brightness mode.
- **Strobe Mode:** Triple-click the side switch from ON or OFF to activate Strobe mode (3000 lumens). Single-click to return to the previously used brightness mode.

#### 4.4 Lockout Function

- **Activate Lockout:** From OFF, rapidly click the side switch 4 times to enter Lockout mode. The main LED will flash once to confirm. This prevents accidental activation.
- **Deactivate Lockout:** From Lockout mode, rapidly click the side switch 4 times to unlock the flashlight. The main LED will flash once, and the flashlight will turn on in Moonlight mode.

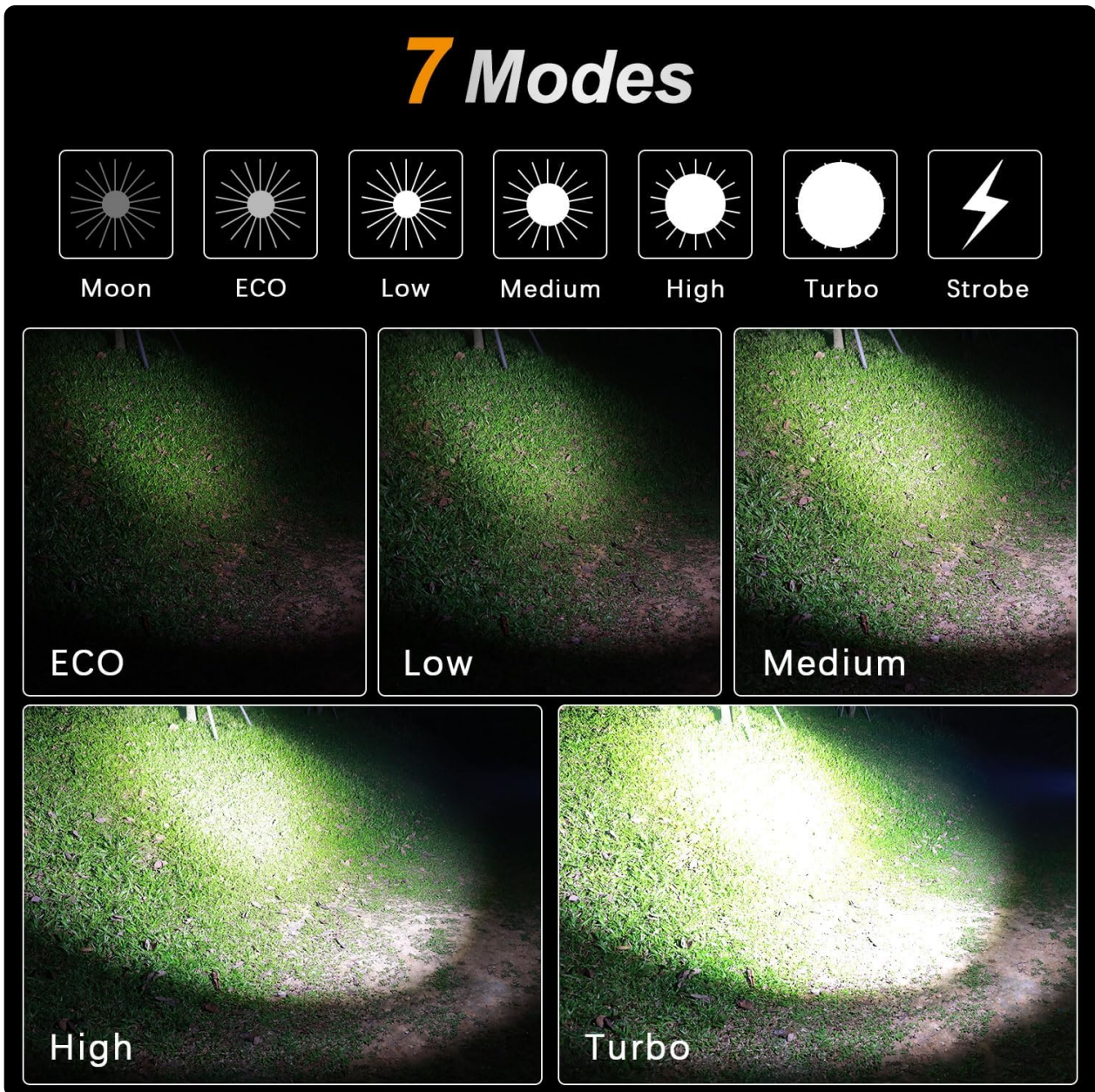


Figure 4: Visual representation of the 7 available light modes on the WK15 flashlight.

Video 2: Demonstrates the 7 light modes and easy operation of the Wurkkos WK15 flashlight.

Video 3: Shows the Wurkkos WK15 LED Rechargeable Flashlight in action, highlighting its 3000 lumen output and various light settings.

## 5. LIGHT MODES AND RUNTIMES

Mode	Luminous Flux	Runtime (approx.)	Beam Distance (approx.)	Intensity (cd)
Turbo	3000 lumens	1.6 hours	218 meters	11892
High	1500 lumens	3.8 hours	144 meters	5217
Medium	550 lumens	4.5 hours	94 meters	2192
Low	100 lumens	32.5 hours	42 meters	433
Eco	10 lumens	385 hours	12 meters	36
Moon	1 lumen	500 hours	5 meters	7.5
Strobe	3000 lumens	3 hours	-	-

*Note: The above parameters are based on tests using one 5000mAh 21700 Li-ion battery in laboratory conditions. Results may vary with different batteries or under different environmental conditions.*

Video 4: A demonstration of the Wurkkos WK15 flashlight's various light modes and their intensity in a dark environment.

## 6. CHARGING AND POWER BANK FUNCTION

### 6.1 Charging the Flashlight

The WK15 features a convenient USB-C charging port. Connect the provided USB-C cable to the flashlight and a power source. The indicator light will show red during charging and turn green when fully charged. This allows for easy recharging without removing the battery.

### 6.2 Power Bank Function

In emergency situations, the Wurkkos WK15 can function as a power bank to charge your mobile devices. Connect your device to the flashlight's USB-C port using a compatible cable. This feature provides a convenient backup power source for your phone or other small electronics.



Figure 5: Illustration of the WK15's dual functionality for charging itself and acting as a power bank for other devices.

## 7. MAINTENANCE

- **Cleaning:** Clean the flashlight body with a soft, damp cloth. For the lens, use a lens cleaning cloth.
- **O-rings:** Regularly inspect the O-rings for wear and tear. Lubricate them with silicone grease to maintain

the IP68 waterproof rating. Replace damaged O-rings promptly.

- **Storage:** If storing the flashlight for an extended period, remove the battery to prevent potential leakage and damage. Store in a cool, dry place.



Figure 6: The WK15 flashlight is IP68 waterproof, capable of withstanding immersion and heavy rain.

## 8. TROUBLESHOOTING

- **Flashlight does not turn on:**
  - Ensure the battery is inserted correctly with the positive (+) end facing the head.
  - Check if the protective plastic insulator disc has been removed from the battery.
  - Verify the battery is charged.
  - Deactivate the lockout function (4 rapid clicks from OFF).
  - Ensure the tail cap and head are screwed on tightly.
- **Light output is weak or flickering:**
  - The battery may be low. Recharge the battery.

- Clean the battery contacts and O-rings.
- **Flashlight gets warm during use:**
  - It is normal for high-lumen flashlights to generate heat, especially in Turbo or High mode. The WK15 is designed with thermal regulation to prevent overheating. If it becomes too hot to handle, switch to a lower brightness mode.
- **Beam is not adjustable:**
  - The Wurkkos WK15 features a fixed beam pattern and does not have an adjustable focus. Its wide beam is designed for broad illumination.

## 9. SPECIFICATIONS

Feature	Specification
Brand	Wurkkos
Model	WK15
Light Source	XHP50.2 LED
Max Brightness	3000 Lumens
Max Beam Distance	218 meters
Power Source	Battery Powered (1 x 21700 Lithium Ion)
Battery Capacity	5000mAh
Charging Port	USB-C
Material	Aerospace Grade 6061 Aluminum Alloy
Water Resistance	IP68 (Waterproof)
Impact Resistance	2 meters / 6.56 feet
Product Dimensions	4.45"L x 1.09"D (113mm x 27.8mm)
Item Weight	0.3 Pounds (4.8 ounces)
Special Features	7 Light Modes, Power Bank Function, Lockout Function

## 10. SAFETY INFORMATION

- Do not shine the flashlight directly into eyes. The high lumen output can cause temporary vision impairment.
- 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 temperatures or direct sunlight for prolonged periods.
- Use only the specified battery type (21700 Li-ion) and ensure proper polarity during installation.
- Do not dispose of batteries in fire.

## 11. WARRANTY AND SUPPORT

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Wurkkos products are manufactured to high-quality standards. For warranty information, technical support, or any inquiries regarding your WK15 flashlight, please refer to the contact details provided in your product packaging or visit the official Wurkkos website. Please retain your proof of purchase for warranty claims.