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## Wurkkos WK03

# Wurkkos WK03 Pocket LED Flashlight User Manual

Model: WK03 | Brand: Wurkkos

## 1. INTRODUCTION

The Wurkkos WK03 is a high-performance, compact LED flashlight designed for everyday carry (EDC), camping, home use, and emergency situations. It features a powerful SST40 LED, delivering up to 1800 lumens, and is equipped with a TIR optic lens for a soft and balanced beam. The WK03 is rechargeable via USB Type-C and boasts an IP68 waterproof rating, ensuring reliability in various environments.

## 2. PACKAGE CONTENTS

Upon opening your Wurkkos WK03 package, please verify that all the following items are included:

- Wurkkos WK03 Flashlight
- 1 x 3000mAh 18650 Lithium-Ion Battery (pre-installed)
- 1 x USB-C to USB-A Charging Cable
- 1 x Magnetic Tail Cap (optional accessory, may be included)
- 2 x Spare O-rings
- 1 x Lanyard
- User Manual

## 3. SPECIFICATIONS

The following table details the technical parameters of the Wurkkos WK03 flashlight:

Mode	Output (Lumens)	Runtime (Hours)	Distance (Meters)	Candela (cd)
Turbo	1800Lm	2.3h	217m	11750cd
High	800Lm	2.6h	150m	5592cd
Medium	350Lm	6.3h	97m	2358cd
Low	100Lm	23h	51m	642cd

Mode	Output (Lumens)	Runtime (Hours)	Distance (Meters)	Candela (cd)
Moon	3Lm	230h	11m	30cd
Strobe	1800Lm	5h	-	-

*Note: The above parameters are based on tests according to international flashlight testing standards (ANSI/NEMA FL1) using one 3000mAh battery in our laboratory. Results may vary with different battery or under different environmental conditions.*

- **LED Type:** SST40 LED, 5000K Color Temperature
- **Material:** Aviation-grade Aluminum Alloy
- **Dimensions:** 101.5mm (Length) x 24.7mm (Head Diameter) / 4in x 0.97in
- **Weight:** 55 grams (without battery)
- **Battery:** 1 x 18650 Lithium-Ion (3000mAh included)
- **Charging:** USB Type-C, 5V DC
- **Water Resistance:** IP68 (Underwater 1 meter)
- **Impact Resistance:** 1 meter
- **Special Features:** Adjustable Light Modes, High Power, Long Range, Non-Slip Grip, Rechargeable, Dimmable

# Wurkkos WK03



## Technical Parameter

Mode	Turbo	High	Medium	Low	Moon	Strobe
	1800Lm	800Lm	350Lm	100Lm	3Lm	1800Lm
	2.3h	2.6h	6.3h	23h	230h	5h
	217m	150m	97m	51m	11m	-
	11750cd	5592cd	2358cd	642cd	30cd	-
	1meter/6.56feet					
	IP68					
Note	The above mentioned parameters are based on tests according to international flashlight testing standards (ANSI/NEMA FL1) using one 3000mAh battery in our laboratory. Results may vary with different battery or under different environmental conditions.					

Image: Detailed technical specifications table for the Wurkkos WK03 flashlight, showing modes, lumens, runtime, distance, and candela.

## 4. SETUP

### 4.1 Battery Installation

1. Unscrew the tail cap of the flashlight.
2. Insert the included 18650 battery with the positive (+) end facing towards the head of the flashlight.
3. Screw the tail cap back on tightly to ensure proper contact and water resistance.

### 4.2 Charging

The WK03 features a convenient USB Type-C charging port. The indicator light on the side switch provides charging status.

1. Locate the USB Type-C port on the side of the flashlight.
2. Connect the provided USB-C cable to the flashlight and the other end to a compatible USB power source

(e.g., AC charger, power bank, car charger, computer USB port).

3. During charging, the indicator light on the side switch will glow **red**.
4. Once fully charged, the indicator light will turn **green**.



Image: The Wurkkos WK03 flashlight showing its Type-C charging port, dimensions (101.5mm length, 24.7mm head diameter), and charging indicator lights (red for low charged, green for fully charged).

## 5. OPERATING INSTRUCTIONS

The Wurkkos WK03 is operated via a single side switch, controlling 6 distinct modes.

# ONE SWITCH CONTROLS 6 MODES



## Single Side Switch



Turbo



High



Medium



Low



Moon



Strobe

Image: A hand operating the Wurkkos WK03 flashlight, illustrating the single side switch and the six available modes: Turbo, High, Medium, Low, Moon, and Strobe.

## 5.1 Basic Operation

- **Turn On/Off:** Single-click the side switch to turn the flashlight on or off.
- **Mode Cycling:** When the flashlight is on, press and hold the side switch to cycle through Low → Medium → High. Release the switch to select the desired brightness level.
- **Moonlight Mode:** From OFF, press and hold the side switch for 1 second to activate Moonlight mode.
- **Turbo Mode:** Double-click the side switch from any state (ON or OFF) to activate Turbo mode. Double-click again to return to the previous mode.
- **Strobe Mode:** Triple-click the side switch from any state (ON or OFF) to activate Strobe mode. Single-click to turn off or double-click to return to the previous mode.

## 5.2 Lockout Function

To prevent accidental activation, especially when carrying the flashlight in a pocket or bag:

- From OFF, rapidly click the side switch **four times** to activate lockout mode. The flashlight will flash once to

confirm.

- To deactivate lockout mode, rapidly click the side switch **four times** again. The flashlight will turn on in Moonlight mode.

## 6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Wurkkos WK03 flashlight.

- **Cleaning:** Clean the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Threads and O-rings:** Lubricate the threads and O-rings regularly with silicone grease to maintain water resistance. Replace O-rings if they appear damaged or worn.
- **Battery Care:** Store the battery in a cool, dry place. If the flashlight will not be used for an extended period, remove the battery to prevent potential leakage or damage. Recharge the battery every 3-6 months to maintain its health.
- **Contact Points:** Keep the battery contact points and the spring in the tail cap clean to ensure good electrical conductivity.

## 7. TROUBLESHOOTING

If you encounter issues with your Wurkkos WK03, please refer to the following common troubleshooting steps:

- **Flashlight does not turn on:**
  - Ensure the battery is inserted correctly with the positive (+) end facing the head.
  - Check if the tail cap is screwed on tightly.
  - Verify the battery is charged.
  - Clean the battery contact points and threads.
  - Check if the flashlight is in lockout mode (four clicks to unlock).
- **Light output is dim or flickers:**
  - The battery may be low; recharge it.
  - Clean the battery contact points.
  - Ensure the tail cap is fully tightened.
- **Flashlight gets hot quickly:**
  - High brightness modes (especially Turbo) generate significant heat. This is normal. The flashlight has built-in temperature regulation to prevent overheating.
  - If it becomes uncomfortably hot, switch to a lower mode.
- **Charging indicator not working:**
  - Ensure the USB cable is securely connected to both the flashlight and the power source.
  - Try a different USB cable or power adapter.
  - Check if the charging port is clean and free of debris.

If these steps do not resolve the issue, please contact Wurkkos customer support for further assistance.

## 8. SAFETY INFORMATION

Please read and follow these safety guidelines to ensure safe operation of your flashlight:

- **Do not shine the light directly into eyes.** The powerful beam can cause temporary vision impairment or permanent eye damage.
- **Keep out of reach of children.** This flashlight is not a toy.
- **Heat Warning:** The flashlight head may become hot during prolonged use on high or turbo modes. Handle with care.
- **Battery Safety:** Use only recommended 18650 Lithium-Ion batteries. Do not mix old and new batteries, or different types of batteries. Do not dispose of batteries in fire.
- **Disassembly:** Do not attempt to disassemble the flashlight head or other sealed parts, as this may void the warranty and cause damage.
- **Water Resistance:** While IP68 rated, ensure all O-rings are intact and the tail cap is tightened before exposing to water.

## 9. WARRANTY AND SUPPORT

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The Wurkkos WK03 Pocket LED Flashlight comes with a **Limited Warranty**. Please refer to the warranty card included in your package or visit the official Wurkkos website for detailed warranty terms and conditions.

For technical support, warranty claims, or any questions regarding your product, please contact Wurkkos customer service through their official channels. When contacting support, please have your product model (WK03) and purchase information readily available.

## 10. PRODUCT OVERVIEW AND USAGE SCENARIOS

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Image: The Wurkkos WK03 Pocket LED Flashlight, showcasing its compact design, textured body for grip, side switch, and the SST40 LED with TIR lens.



SST40 TIR Lens  
5000K LED



Max Output  
**1800LM**

Max Distance  
**217M**

Max Runtime  
**230H**

Image: Close-up of the Wurkkos WK03's head, highlighting the SST40 TIR Lens and 5000K LED, alongside key performance metrics: Max Output 1800LM, Max Distance 217M, Max Runtime 230H.

# IMPACT RESISTANT

Aviation aluminum alloy material



underwater  
1m waterproof

**IP68**

Image: Demonstrates the durability of the Wurkkos WK03, showing it being run over by a tire (symbolizing impact resistance) and submerged in water (highlighting its IP68 waterproof rating).



Image: A collage of four images depicting various uses for the Wurkkos WK03 flashlight: camping, reading, walking a dog at night, and mountaineering.