NEXTORCH ED20

NEXTORCH ED20 Rechargeable Flashlight User Manual

Model: ED20 | Brand: NEXTORCH

PRODUCT OVERVIEW

The NEXTORCH ED20 is a compact and powerful EDC (Everyday Carry) rechargeable flashlight designed for various uses including home, camping, hiking, outdoors, emergency, and working. It features a high-power LED bead, offering impressive brightness and multiple lighting modes, along with robust construction for durability.

Figure 1: NEXTORCH ED20 Pocket EDC Rechargeable Flashlight with its included lanyard.

KEY FEATURES

- **Super Bright Illumination:** Equipped with a high-power LED, providing a maximum output of 2200 lumens and a beam distance of 261 meters.

- **Multiple Brightness Modes:** Features four adjustable modes: High (2200 lumens), Medium (530 lumens), Low (25 lumens), and Strobe (2200 lumens) for diverse lighting scenarios.

- **Rechargeable Battery:** Integrated large capacity battery, rechargeable via a convenient Type-C port. Offers up to 120 hours of runtime in Low mode.

- **Durable and Waterproof:** Constructed from aluminum alloy with IPX7 waterproof rating, allowing immersion in 1m of water for 30 minutes. Designed to withstand 1-meter impacts.

- **Compact and Portable:** Ideal for everyday carry, featuring a detachable lanyard for enhanced portability.

PACKAGE CONTENTS

Upon opening the package, please ensure all the following items are present:

- NEXTORCH ED20 Flashlight
- USB Type-C Charging Cable

- Lanyard Strap

- User Manual (this document)

SETUP AND CHARGING

Initial Charge

Before first use, it is recommended to fully charge the ED20 flashlight. The flashlight is equipped with a built-in rechargeable battery.

1. Locate the Type-C charging port on the flashlight (behind the button).

2. Connect the provided USB Type-C 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. During charging, the indicator light on the button will glow**red**.

5. Once fully charged, the indicator light will turn**blue**.

Figure 2: Charging the ED20 flashlight via its Type-C port. The battery indicator shows charging status.

Battery Indicator

- **Blinking Red:** Battery level is less than 20%.
- **Solid Red:** Charging in progress.
- **Solid Blue:** Fully charged.

OPERATING INSTRUCTIONS

Power On/Off

- To turn the flashlight **ON**: Long press the side button.
- To turn the flashlight **OFF**: Long press the side button again.

Mode Switching

While the flashlight is ON, lightly press the side button to cycle through the brightness modes:

High (2200 lumens) → Medium (530 lumens) → Low (25 lumens) → Strobe (2200 lumens)
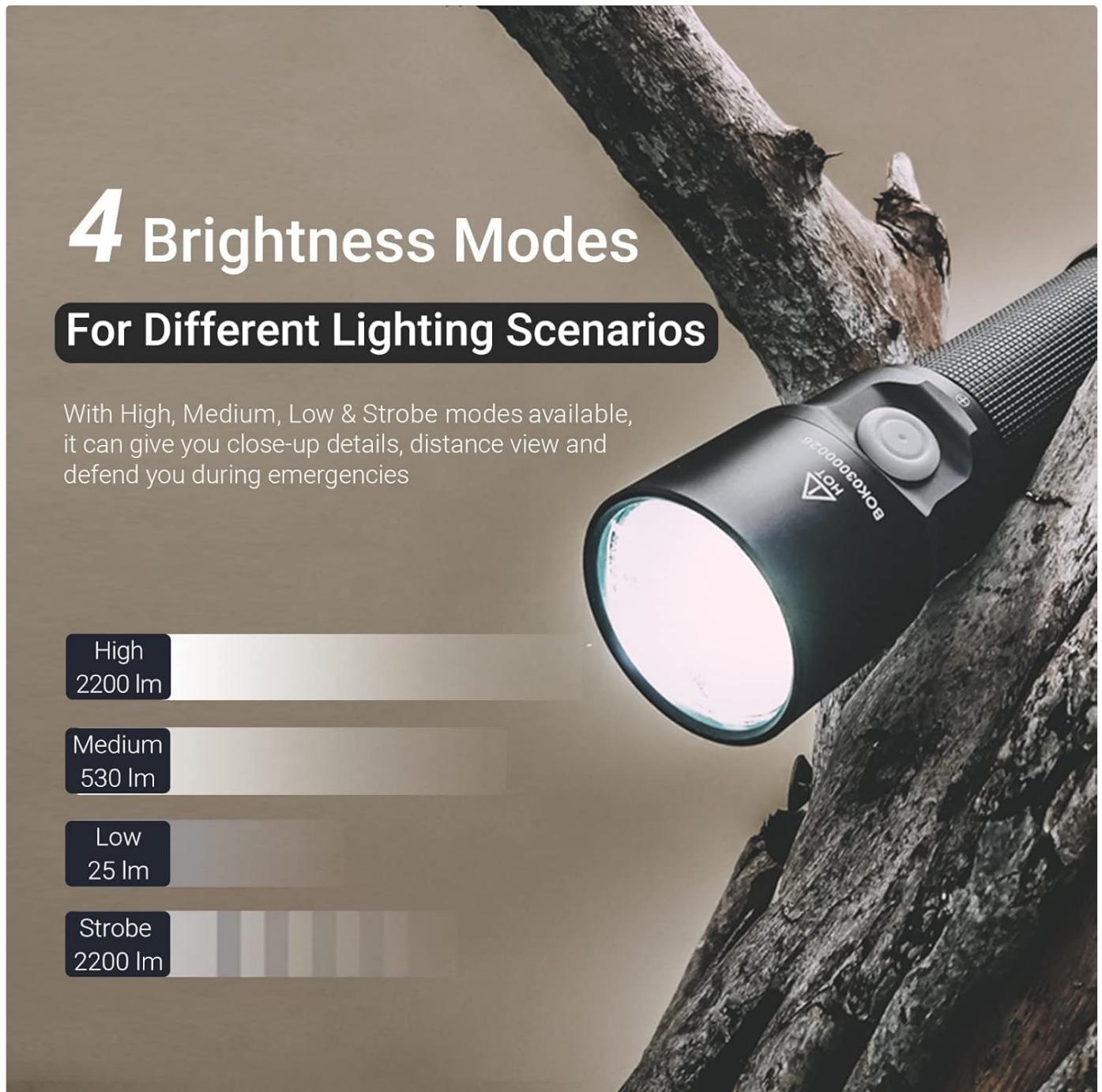
Figure 3: The ED20 offers four brightness modes for various lighting needs.

Lanyard Installation

The included lanyard can be installed through the tail-hole of the flashlight for increased portability and to prevent accidental drops.

Detachable Lanyard Easy to Carry

You can install the lanyard comes with the flashlight at its tail through-hole, for greater portability.
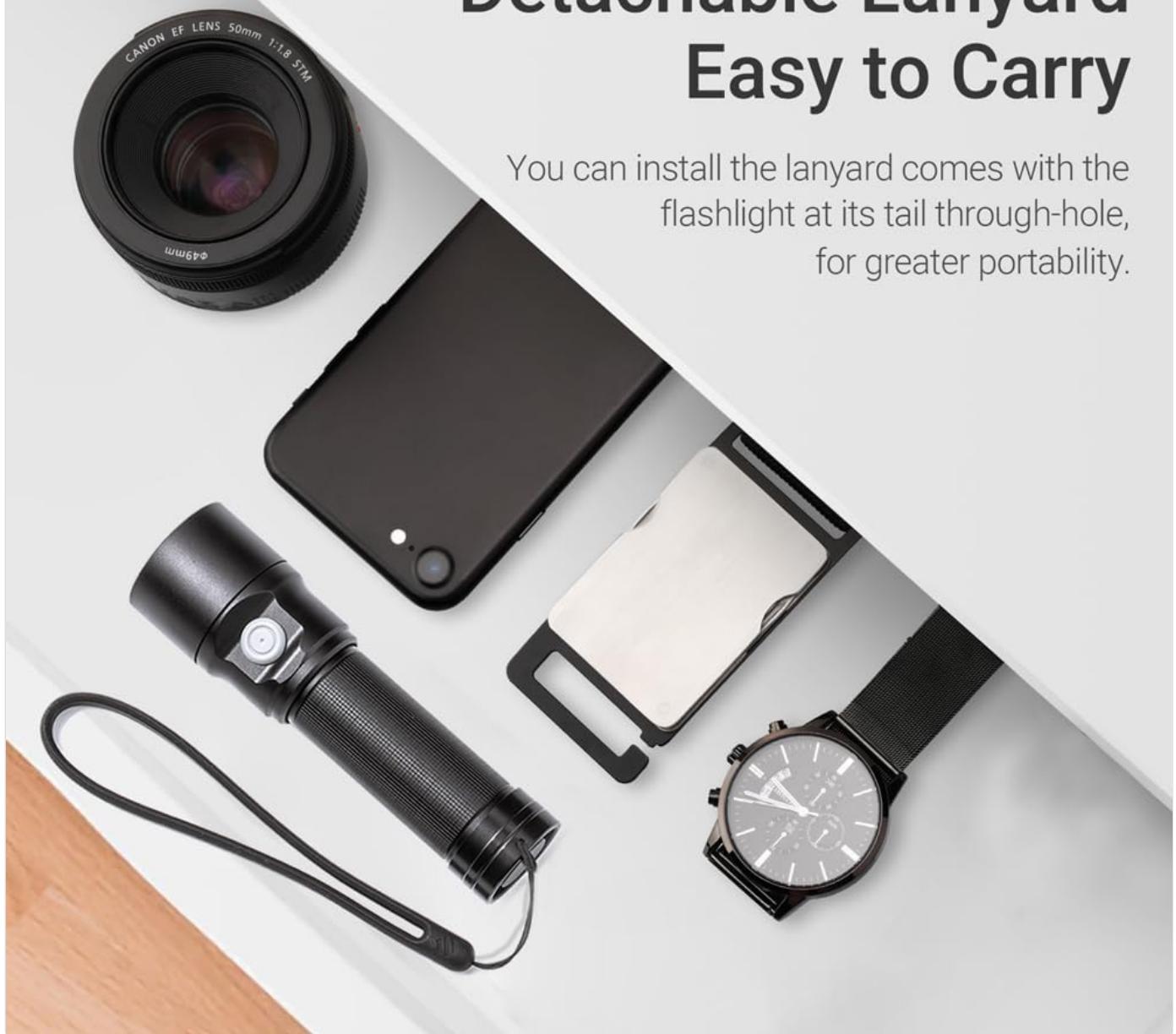
Figure 4: The detachable lanyard enhances carrying convenience.

DURABILITY AND PERFORMANCE

The NEXTORCH ED20 is engineered for resilience and high performance, making it suitable for demanding environments.

Figure 5: The ED20 is IPX7 waterproof and designed to withstand splashes and temporary immersion.

- **IPX7 Waterproof:** The flashlight can be immersed in 1 meter of water for up to 30 minutes without damage. The charging port is protected by a rubber plug for enhanced water resistance.
- **1M Impact Resistance:** Constructed from durable aluminum alloy, the ED20 can withstand drops from up to 1 meter.
- **Anodic Oxidation Treatment:** The surface treatment increases hardness, corrosion resistance, and wear resistance, ensuring long-term durability.

Figure 6: Overview of the ED20's high performance and key features.

Your browser does not support the video tag.

Video 1: This video demonstrates the durability and resistance of the NEXTORCH ED20 flashlight to cold, impact, and water. It shows the flashlight functioning after being frozen in ice, run over by a car, dropped from various heights, and submerged in water.

MAINTENANCE

- **Cleaning:** Wipe the flashlight with a clean, soft cloth. For stubborn dirt, use a slightly damp cloth. Do not use abrasive cleaners or solvents.

- **Lubrication:** Periodically apply silicone grease to the O-rings and threads to maintain water resistance and smooth operation.

- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the flashlight regularly, especially if it has not been used for an extended period.

- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your NEXTORCH ED20 flashlight, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Flashlight does not turn on.	Low or depleted battery.	Charge the flashlight fully using the provided Type-C cable.
Light output is dim or flickers.	Low battery or loose connection.	Recharge the battery. Ensure the tail cap is securely tightened.
Flashlight gets hot during use.	Normal operation on High mode.	This is normal for high-lumen flashlights. Reduce to a lower brightness mode if discomfort occurs.
Charging indicator not working.	Cable or power source issue.	Try a different USB cable or power adapter. Ensure the cable is fully inserted.

If the problem persists after trying these steps, please contact NEXTORCH customer support for further assistance.

SPECIFICATIONS

SPECIFICATION

Light Mode	High	Medium	Low	Strobe
Light Output	2200 lm	530 lm	25 lm	2200 lm
Runtime	3 h	5 h	120 h	–
Beam Distance	261 m	130 m	27 m	–
Impact Resistance	1 m			
Water Resistance	IPX7, 1 m Underwater			
Weight	100 g (Without Battery)			
Dimensions	123 (Length) × 26 (Body Dia.) × 36 (Head Dia.) mm			
Material	6061-T6 Aerospace Aluminum Alloy			
Surface Treatment	Anodizing			
Power Source	1 x 21700 Battery			

These specs are determined through test with 1 x 21700 Li-ion rechargeable battery (4,800 mAh) at an environment temperature of 22±3 ℃. If tested with different battery or temperature, results may vary.

4Tool

Figure 7: Detailed specifications for the ED20 flashlight.

Specification	Value
Model	ED20
Light Output (Max)	2200 Lumens
Beam Distance (Max)	261 Meters
Light Source Type	LED
Power Source	Battery Powered (1 x 21700 Li-ion rechargeable battery, 4800 mAh)
Runtime (Low Mode)	120 hours (25 lumens)
Water Resistance	IPX7 (1m underwater for 30 minutes)
Impact Resistance	1 Meter
Material	6061-T6 Aerospace Aluminum Alloy

Specification	Value
Dimensions	123mm (Length) x 26mm (Body Dia.) x 36mm (Head Dia.)
Weight	100g (Without Battery)
Charging Port	USB Type-C

Note: These specifications are determined through test with a 21700 Li-ion rechargeable battery (4,800 mAh) at an environment temperature of 22±3 ℃. Results may vary with different batteries or temperatures.

WARRANTY AND SUPPORT

All torches purchased from NEXTORCH enjoy a **ten-year warranty**. This warranty covers manufacturing defects and issues arising from normal use.

For any questions, technical support, or warranty claims, please contact NEXTORCH customer service. We aim to provide the best solution within 24 hours.

For more information, visit the official NEXTORCH store: NEXTORCH Store on Amazon

Related Documents - ED20

	NEXTORCH K40 LED Flashlight: Features, Specifications, and User Guide Comprehensive guide to the NEXTORCH K40 compact LED flashlight. Learn about its features, specifications (700 lumens, USB-C rechargeable), operation, maintenance, and warranty.
	NEXTORCH P8 LED Flashlight - High-Performance, Rechargeable Torch Discover the NEXTORCH P8, a powerful and durable LED flashlight featuring an OSRAM P9 LED, 1300 lumens max output, Type-C charging, and a 5-year warranty. Ideal for outdoor, tactical, and everyday use. Specifications include IPX7 waterproof rating, 2m impact resistance, and a lightweight aluminum body.
	NEXTORCH P84 3000 Lumens Rechargeable LED Flashlight User Manual Detailed user manual for the NEXTORCH P84 flashlight, covering features, specifications, operation, maintenance, and warranty. This high-performance LED torch offers 3000 lumens and USB-C charging.
	NEXTORCH C3 LED Flashlight: Specs, Features, and User Guide Detailed overview of the NEXTORCH C3 LED flashlight, including its technical specifications, key features, quick start guide, maintenance tips, and warranty information. Learn about its high brightness, multiple modes, and durable design.

[NEXTORCH ND30B Flashlight User Manual and Specifications](#)

Comprehensive guide to the NEXTORCH ND30B flashlight, detailing its specifications, quick start instructions, operational modes, battery indicator, maintenance tips, and warranty information.

[NEXTORCH P81 LED Flashlight - User Manual, Specifications, and Features](#)

Comprehensive guide for the NEXTORCH P81 LED flashlight, detailing its specifications, features, operation instructions, maintenance tips, and warranty information. Discover the powerful LUMINUS SST-70 emitter, 21700 battery compatibility, and convenient Type-C charging.