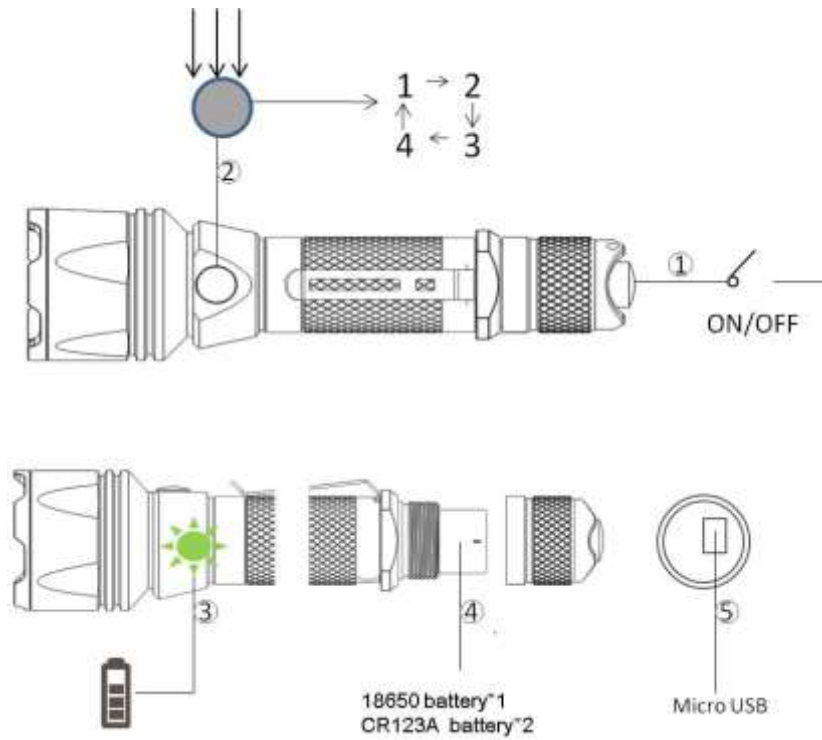








Fenix TK20R Flashlight



Technical Parameters

ANSI/PLATO FL1	Turbo	High	Med	Low	Strobe
 Output	1000 Lumens	350 Lumens	150 Lumens	10 Lumens	1000 Lumens
 Runtime	3500mAh	1h 50min	4h 20min	11h	/
	2900mAh	1h 30min	4h	10h 30min	
 Distance	310m	193m	126m	31m	/
 Intensity	24,000cd	9,310cd	3,970cd	240cd	/
 Impact Resistance	1m				
	IPX-8, underwater 2m				

Waterproof	
Accessories	Holster, lanyard, spare O-ring, 2900mAh battery,

Notice: The above-mentioned parameters (lab-tested by Fenix using one 3.6V/3500mAh and one 3.6V/2900mAh 18650 rechargeable Li-ion battery) may vary between flashlights, batteries and environments.

*Due to the intelligent overheat protection, the runtime of Turbo is estimated.

- Uses Cree XP-L HI V3 LED with a lifespan of 50,000 hours
- Powered by one 18650 rechargeable Li-ion battery, and CR123A Lithium battery can be used in emergency
- 151.5mm Length x 25mm Body diameter x 34mm Head diameter
- 141 grams (excluding battery)
- Digitally regulated output maintains constant brightness
- Low-voltage warning reminds when battery replacement is needed
- Reverse polarity protection, to protect from improper battery installation
- Overheat protection to avoid high temperature of the surface
- Tactical tail switch for momentary on activation
- Functional side switch for output selection
- Made of durable aircraft-grade aluminum
- Premium type III hard-anodized anti-abrasive finish
- Toughened ultra-clear glass lens with anti-reflective coating

Operation instruction

The tail cap switch is the tactical switch, and the side button switch is the functional switch.

① ON/OFF

Tap the tactical switch to turn on the light momentarily, release it the light will go out.

Fully press the tactical switch to turn on the light constantly, press once again the light will go out.

② Output Selection

With the light on, single-click the functional switch, the light will cycle through Turbo→Low→Med→High.

Strobe

With the light on, press and hold the functional switch for 0.5 seconds to enter into Strobe, another single-click the light will return to previously used General brightness level.

Intelligent Memory Circuit

The flashlight memorizes the last brightness level used in the General mode, the next time it is turned on, it will recall that previously used General brightness level.

Intelligent Overheat Protection

The light will accumulate a lot of heat when used at Turbo output level for extended periods. When the light reaches a temperature of 65°C or above, the light will automatically step down by a few lumens to reduce temperature. When the temperature reduces, the output will gradually return to the maximum brightness of the previously selected output level.

Low-voltage Warning

When the voltage level drops below the preset level in working condition, the battery indicator is programmed to flash red to remind you of charging, and the flashlight will gradually downshift to Low output. To ensure normal use, the light will not turn off automatically and will work until the battery runs out completely.

③ Battery Level Indicator

When turns on the light, the battery level indicator next to the side switch will display the battery status for 3 seconds.

Green light constant-on: sufficient

Red light constant-on: poor

Red light flashes: critical

④ Charging

First plug the USB port of the charging cable into an electrical outlet, then connect the Micro USB port of the charging cable to the light. The indicator light will display red while charging, and will turn to solid green when fully charged. The normal charging time is about 3.5 hours.

Note:

1. Once charging is completed, be sure to plug the anti-dust covered.
2. Charging with the light on is not recommended. Doing so may cause extended charging time or less fully charged battery.
3. Please recharge a stored TK20R every four months to maintain optimum performance of the battery.

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L18 Series	18650	3.7V	Recommended	√√

Fenix ARB-L2Series	18650	3.7V	Recommended	√√
Non-rechargeable Battery (Lithium)	CR123A	3V	Usable (No charging)	√
Rechargeable Battery (Li-ion)	18650	3.6V/3.7V	Cautious*	!
Rechargeable Battery (Li-ion)	16340	3.6V/3.7V	Cautious*	!
Rechargeable Battery (LiFePO ₄)	18650	3.2V	Banned	×

Warning: Please do not mix batteries of different brands, sizes, capacities or types. Doing so may cause damage to the flashlight or the batteries being used.

*18650/16340 Li-ion batteries are powerful cells designed for commercial applications and must be treated with caution and handled with care. Quality batteries with circuit protection will reduce the potential for combustion or explosion but cell damage or short circuiting are potential risks the user assumes.

⑤ Battery Replacement

Unscrew the tail cap to insert the battery with the anode side (+) towards the light head, and then screw the tail cap.

Usage and Maintenance

- Disassembling the sealed head can cause damage to the light and will void the warranty.
- Fenix recommends using excellent quality battery. If the light will not be used for an extended period, remove the battery, or the light could be damaged by electrolyte leakage or battery explosion.
- Unscrew the tail cap one-half turn or take out the battery to prevent accidental activation during storage or transportation.
- Long-term use can result in O-ring wear. To maintain a proper water seal, replace the ring with an approved spare.
- Periodic cleaning of the battery contacts improves the lamp's performance as dirty contacts may cause the lamp to flicker, shine intermittently or even fail to illuminate for the following reasons:

Reason A: The batteries need replacing.

Solution: Replace batteries (Ensure battery is inserted according to the manufacturer's specifications).

Reason B: The threads, PCB board contact or other contacts are dirty.

Solution: Clean the contact points with a cotton swab soaked in rubbing alcohol.

If the above methods don't work, please refer to the warranty policy before contacting your authorized distributor.

Warning

The flashlight is a high-intensity lighting device capable of causing eye damage to the user or others. Avoid shining the flashlight directly into anyone's eyes.