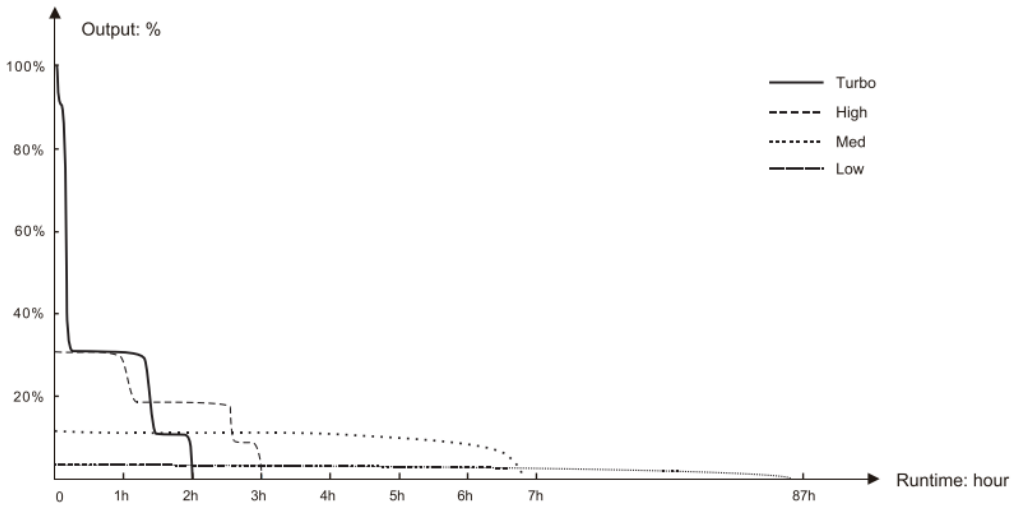
(ENGLISH)Fenix HT18R V2.0 Flashlight

Technical Parameters

ANSI/PLATO FL1	GENERAL MODE				SPECIAL MODE		
	Turbo	**High**	**Med**	**Low**	**Strobe**	**SOS**	**Beacon**
OUTPUT	3700 lumens	1000 lumens	350 lumens	30 lumens	3000 lumens	150 lumens	3700 lumens
RUNTIME	2 hours*	3 hours	6 hours 50 minutes	87 hours	/	/	/
MAX DISTANCE	1100 meters	570 meters	330 meters	95 meters	/	/	/
MAX INTENSITY	268000 candela	82000 candela	28600 candela	2260 candela	/	/	/
IMPACT RESISTANCE	1 meter						
SUBMERSIBLE	IP68						

Note: The above specifications are from the results produced by Fenix through its laboratory testing using one Fenix ARB-L21-6000 battery, under the temperature of 21±3°C and humidity of 50% - 80%. The true performance of this product may vary according to different working environments and the actual battery used.

*The Turbo output is measured in total of runtime including output at reduced levels due to the built-in temperature protection mechanism.



Warning

◎Do NOT place this flashlight in the reach of children!

◎Do NOT shine this flashlight directly into the eyes of anyone!

◎Do NOT place light head near flammable objects, high temperatures can cause objects to overheat and become flammable/ignite!

◎Do NOT use this flashlight in inappropriate ways such as holding the unit in your mouth, doing so could cause serious personal injury or death if the light or internal battery fails!

◎This flashlight will accumulate a significant amount of heat while operating, resulting in a high temperature of the light shell. Pay close attention to avoid burns.

◎Remove the battery to prevent accidental activation when the flashlight is placed in a closed and flammable environment such as pockets and backpacks!

◎The LED of this light is not replaceable; so the whole light will need to be replaced when the LED reaches the end of its lifespan.

Product features

◎3700 lumens maximum output, 1100 meters maximum beam distance.

◎Uses one Luminus SFT90 LED with a lifespan of 50,000 hours.

◎Powered by a Fenix ARB-L21-6000 battery.

◎Neck-mounted inner waterproof USB Type-C charging port features a sliding anti-dust cover.

◎Dual side switch for Instant Turbo and Instant Strobe.

◎Professional SOS and Beacon modes for outdoor emergencies.

◎Boot-up battery level indication and low-voltage warning.

◎Made of durable T6061-T6 aluminum alloy.

◎Premium type HAIII hard-anodized anti-abrasive finish.

◎Size: 7.86'' x 2.68'' x 1.00''/199.7 x 68.04 x 25.42 mm.

◎Weight: 12.64oz/358.2g(including battery).

Operating Instructions

Switches

The round switch is the tactical switch for on/off, momentary-on, Instant Turbo, and additional features.

The rectangular switch is the functional switch for output selection, mode switching, Instant Strobe, and other functions.

On/Off

With the light turned off, tap the tactical switch to turn on the light momentarily, release it and the light will go out. Fully press the tactical switch to constantly turn on the light.

With the light turned on, fully press the tactical switch to turn off the light.

Mode switching

With the light turned on, press and hold the functional switch for 0.5 seconds to enter the Special mode. Press and hold the functional switch for 0.5 seconds again or tap the tactical switch to exit the Special mode and recall the previously used output of the General mode. Alternatively, fully

press the tactical switch to turn off the light.

Output Selection

With the light turned on: In General mode, single click the functional switch to cycle through Turbo→High→Med→Low.

With the light turned on: In Special mode, single click the functional switch to cycle through Strobe→SOS→Beacon.

Instant Strobe

With the light turned off, press the functional switch to enter Strobe, release it and the light will go out.

Instant Turbo

With the light turned on, fully press the tactical switch for 0.5 seconds to enter Turbo, release it to recall the previously used output.

With the light turned off, fully press the tactical switch for 0.5 seconds to enter Turbo, release it and the light will go out.

Lockout function

Lock: With the light unlocked, fully press the tactical switch and the functional switch simultaneously for 3 seconds; the flashlight will blink twice on the Low output to indicate locked status*.

Unlock: With the light locked, fully press the tactical switch and the functional switch simultaneously for 3 seconds; the flashlight will activate on the previously used output to indicate the flashlight is unlocked.

*In locked status, all operations except for unlocking the flashlight will trigger 2 blinks on the Low output to indicate that the flashlight is locked.

Intelligent Memory Circuit

The flashlight automatically memorizes the previously used output, excluding Strobe, SOS, and Beacon. When turned on again, the previously used output will be recalled.

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L21 Series	21700	3.6 V	Recommended	√
Rechargeable Battery (Li-ion)	21700	3.6 V	Caution*	!

Warning: Do not mix batteries of different brands, sizes, capacities, or types.

*18650 and 21700 Li-ion batteries are powerful cells designed for commercial applications and must be treated with caution and handled with care. Using low-quality batteries or mishandling batteries (such as short-circuiting or overheating) could lead to combustion and jeopardize the safety of users and property. Any adverse effects resulting from the use of low-quality batteries are not covered by any Fenix warranty or liability. Using quality batteries with circuit protection will reduce the potential for combustion or explosion.

Battery Replacement

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

Charging

1. Slide the port cover on the light neck to reveal the charging port, then connect the USB Type-C

end of the charging cable to the flashlight.

2. The battery level indicator will display red while charging and will turn green when fully charged.

3. Once charging is completed, be sure to unplug the charging cable and slide the anti-dust cover back.

4. When charging fails or the battery is reversely connected, the battery level indicator will remain off or flash red to remind users to check the battery.

Note:

1. The charging time is approximately 1.5 hours from depleted to fully charged with a 9 V/3 A charging adapter. When using a 5 V/3 A non-fast charging adapter, the charging time is approximately 2.5 hours. The flashlight cannot be operated while charging.

2. Recharge a stored flashlight every four months to maintain the optimum performance of the battery.

3. This only works with a Fenix ARB-L21 Series rechargeable battery.

Battery Level Indication

Each time the flashlight is turned on, the battery level indicator will indicate the battery level and will last for 3 seconds. If the flashlight is turned off within 3 seconds, the battery level indicator will go out accordingly.

Green light on: saturated 100% - 85%

Green light flashes: sufficient 85% - 50%

Red light on: poor 50% - 25%

Red light flashes: critical 25% - 1%

*Note: This only works with a Fenix ARB-L21 Series rechargeable battery.

Intelligent Overheat Protection

The flashlight will accumulate a lot of heat when used at high output levels for extended periods. When the flashlight reaches a temperature of 60°C/140°F or above, it will automatically step down a few lumens to reduce the temperature. When the temperature drops below 60°C/140°F, the flashlight will gradually recall the preset output level.

Low-voltage Warning

When the voltage level drops below the preset level, the flashlight is programmed to downshift to a lower brightness level until Low output is reached. When this happens in Low output, the battery level indicator blinks red to remind users to recharge or replace the battery in a timely manner.

*Note: This only works with a Fenix ARB-L21 Series rechargeable battery.

Usage and Maintenance

◎Disassembling the sealed head can cause damage to the flashlight and will void the warranty.

◎Fenix recommends using an excellent quality battery.

◎If the flashlight will not be used for an extended period, remove the battery, or the flashlight could be damaged by electrolyte leakage.

◎Unscrew the tail cap a few turns 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 flashlight and battery contacts improves the flashlight's performance as dirty contacts may cause the flashlight to flicker, shine intermittently or even fail to illuminate for the following reasons:

A: Poor battery level.

Solution: Recharge or replace the battery.

B: The contact or contact point of the battery or flashlight is dirty.

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

If the above methods don't work, please contact the distributor.

Included

Fenix HT18R V2.0 flashlight, ARB-L21-6000 battery, USB Type-C charging cable, Lanyard, Holster, Spare O-ring, User manual, Warranty card