

Fenix HT18 Flashlight

Technical Parameters

ANSI/ PLATO FL1		Turbo	High	Med	Low	Strobe
Output	21700 Li-ion	1500 lumens	500 lumens	150 lumens	30 lumens	1500 lumens
	18650 Li-ion	1100 lumens				1100 lumens
Runtime	21700 Li-ion	1 hour 40 minutes*	4 hours 15 minutes	20 hours 15 minutes	61 hours	/
	18650 Li-ion	1 hour 40 minutes*	2 hours 50 minutes	14 hours 10 minutes	53 hours	
Distance	21700 Li-ion	925 meters	570 meters	300 meters	160 meters	/
	18650 Li-ion	805 meters				
Intensity	21700 Li-ion	214187 candela	80877 candela	21567 candela	6379 candela	/
	18650 Li-ion	162682 candela				
Impact Resistance		1 meter				
Waterproof		IP68, 2 meters underwater				

Note: The above specifications are the test results given by Fenix through its laboratory testing using one Fenix ARB-L21-5000 and Fenix ARB-L18-3500 rechargeable Li-ion 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 batteries used.

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

- 1500 lumens maximum output and 925 meters maximum beam distance.
- One Cree XHP35 HI LED with a lifespan of 50,000 hours.
- Included a Fenix ARB-L21-5000U USB rechargeable 21700 Li-ion battery.

- A 18650 rechargeable Li-ion battery can also be used together with the ALF-18 battery holder.
- Instant power activation with momentary tactical tail switch.
- Simple output selection with side switch.
- Digitally regulated circuit for maintaining a stable output.
- Boot-up battery level indication and low-voltage warning.
- Reverse polarity protection, to protect from improper battery insertion.
- Made of durable high-strength and oxidation-resistance aluminum.
- Premium type HAIII hard-anodized anti-abrasive finish.
- Included red and green filter adapters.
- 7.24" x 2.68" x 1.02" / 184 x 68 x 26 mm
- 7.76 oz / 220 g (excluding battery)

Operating Instructions

On/off ①

Tap the tail switch to momentarily activate the light (release and the light will go out), fully press to constantly activate the light, press again to turn off the light.

Output Selection ②

With the light switched on, single click the side switch to cycle through Low→Med→High→Turbo.

Strobe ②

With the light switched on, press and hold the side switch for 0.8 seconds to enter strobe, single click the side switch again to turn back to the previously used general mode.

Intelligent Memory Circuit

The light memorizes the last selected brightness level on general mode (excluding strobe). When turned on again the previously used brightness level will be recalled.

Battery Specifications

Type	Dimensions	Nominal Voltage	Recommended
Rechargeable Li-ion Battery	21700	3.6V	Fenix ARB-L21 Series
Rechargeable Li-ion Battery	18650	3.6V	Fenix ARB-L18 Series

Warning:

1. The Fenix dedicated ALF-18 battery holder must be used together when using 18650 Li-ion battery.
2. Do not use CR123A or 16340 battery. Doing so may cause damage to the flashlight or the battery being used.

*18650 /21700 Li-ion batteries are powerful cells designed for commercial applications and must be treated with caution and handled with care. Only using 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.

Battery Replacement

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

Battery level indication

When the light is switched on, the battery level indicator inside the side switch will light up to display the battery status, the indicator will stay on for 3 seconds before it goes off.

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 Fenix ARB-L21 Series 21700 and Fenix ARB-L18 Series 18650

rechargeable Li-ion battery.

Intelligent Protection

The light will accumulate a lot of heat when used on 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, until it reaches the output of 800 lumens. When the temperature has been reduced, the output will gradually return to Turbo.

Note: The above data is the test results given by Fenix through its laboratory testing. The true performance may vary according to different working environments.

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 mode, the indicator in the mid of the side switch will flash red to remind you to recharge or replace the battery. To ensure normal use, the flashlight will not turn off automatically and will work till the battery runs out completely.

Note: This only works with Fenix ARB-L21 Series 21700 and Fenix ARB-L18 Series 18650 rechargeable Li-ion battery.

Usage and Maintenance

- Disassembling the sealed head can cause damage to the light and will void the warranty.
- Fenix recommends using an 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.
- Li-ion battery needs to be charged even if the battery is not exhausted, charge immediately when the battery is exhausted; it has no memory effect.
- Unscrew the tail cap half a 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:

A: The battery needs replacing.

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

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 contact your authorized distributor.

Included

HT18 flashlight, Fenix ARB-L21-5000U USB rechargeable 21700 Li-ion battery, USB Type-C charging cable, ALF-18 battery holder, Red light filter adapter, Green light filter adapter, Holster (length adjustable), Lanyard, Spare O-ring, Spare rubber switch boot, User manual, Warranty card

Warning

1. This 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.
2. This flashlight will accumulate a lot of heat when used for extended periods, resulting in high temperature of the flashlight shell. Pay attention to safe use to avoid scalding.