



E-STAR

PORTABLE SELF-POWERED EMERGENCY FLASHLIGHT



100 LUMENS MAXIMUM
OUTPUT



40 METERS MAXIMUM
BEAM DISTANCE

(ENGLISH)FENIX E-STAR FLASHLIGHT

- 100 lumens maximum output, 40 meters maximum beam distance.
- Uses high-quality white light LED conforming to IES LM-80 standards, with a lifespan of 50,000 hours.
- Included a 1300mAh low self-discharge rechargeable Ni-MH battery, compatible with other AA batteries.
- High-class optical PC lens effectively reduces light loss.
- Supports USB Type-C charging, easily be charged by external devices.
- Physical and electronic lockout avoids accidental activation.
- Generating electricity by single clicking the handle.
- Built-in super capacitor, light can be used even if without battery, no need to constantly press the handle.
- Made of ABS engineering plastics, in line with ergonomic industrial design.
- Size: 5.31" x 2.09" x 0.94" / 135 x 53 x 24 mm.
- Weight: 4.52 oz / 128 g (including battery).

OPERATING INSTRUCTIONS

Note: Remove the insulation sheet on the battery cap for the first use.

On/off: Slide the rectangle switch forward to turn on the light, slide it backward to turn off the light.

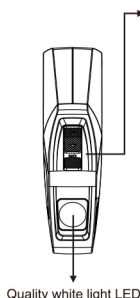
Output Selection: With the light switched on, single click the square switch to cycle through Low→Med→High; press and hold the square switch for 0.5 seconds to momentarily enter turbo mode, release it the light will return to the previously used mode.

Note: The light does not have an intelligent memory circuit, each time it is turned on, it will be activated on Low mode.

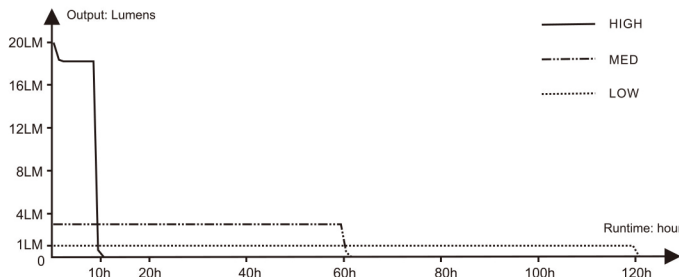
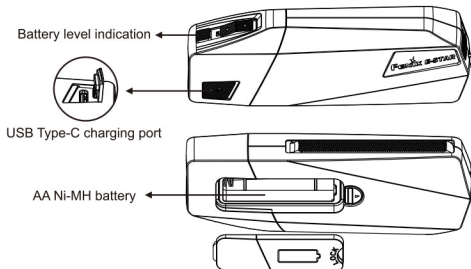
Lock/Unlock: Replace the handle, slide the tail switch to lock position to lock the handle; slide the tail switch to unlock position to unlock the handle. After the handle is being unlocked, press the handle to power the light or charge the battery.

BATTERY SPECIFICATIONS

Type	Dimension	Nominal Voltage	Usability	
Ni-MH Battery	AA	1.2V	Recommended	✓✓
Alkaline Battery	AA	1.5V	Usable (no charging)	✓



On/off
With the light switched on, single click the square switch to cycle through Low→Med→High; press and hold the square switch for 0.5 seconds to momentarily enter turbo mode, release it the light will return to the previously used mode.



TECHNICAL PARAMETERS

ANSI/PLATO FL1	TURBO	HIGH	MED	LOW
OUTPUT	100 lumens	20 lumens	3 lumens	1 lumen
RUNTIME	/	10 hours	60 hours/≈	120 hours/≈
DISTANCE	40 meters	18 meters	7 meters	4 meters
INTENSITY	400 candela	81 candela	13 candela	4 candela
IMPACT RESISTANCE	1 meter			
WATER RESISTANT	IP24			

▲ Note: The above specifications are from the results produced by Fenix through its laboratory testing using a 1300mAh Ni-MH 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.

Type	Dimension	Nominal Voltage	Usability	
Non-rechargeable Battery (Lithium)	AA	1.5V	Usable (no charging)	✓
Fenix ARB-L14-1600U	14500	1.5V	Usable (no charging)	✓
Rechargeable Battery (Li-ion)	14500*	3.7V	Banned	✗

▲ * It is strictly prohibited to charge a non-rechargeable battery and use a banned battery.

BATTERY REPLACEMENT

Unscrew the locking switch as the mark indicated to open the battery compartment, insert the battery according to the polarity marks and then replace the cover, rotate the locking switch as the mark indicated to lock the battery compartment.

CHARGING

Handle-pressing charging

- After the handle is unlocked, press the handle to power the light or to charge the battery.

- This product has a built-in super capacitor for electric energy buffering, which can provide continuous lighting even if without a battery, and does not need to be maintained by constant pressing.
- If there is no battery inserted, continuously press the handle 40 times (needs 15-20 seconds), the super capacitor can be fully charged, thus can maintain the lighting time of 2 minutes at low mode or 50 seconds at med mode. A single press can maintain the lighting time of 6 seconds at low mode or 2 seconds at med mode.
- If there is a battery inserted, some of the power generated by pressing the handle will supply the battery, if the inserted battery is almost exhausted, the lighting time will be shorter.
- Note: When the lighting function is off and the battery level indicator is not working, the battery can still be charged by pressing the handle.

USB Type-C charging

- Uncover the head anti-dust cap and plug the USB Type-C side of the charging cable into the charging port of the light.
- The charging input is 5V/0.6A, adapters and power banks with 5V/1A or 5V/2A can be used.
- The normal charging time of a depleted 1300mAh Ni-MH battery is about 3 hours.
- When charging, the flashlight can only be used on High mode.
- When charging is complete, replace the anti-dust cap to ensure waterproof and dustproof ability.

Indicator

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

LIGHTING FOR EXTREMES



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WECHAT

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INTELLIGENT OVERHEAT PROTECTION

The light will accumulate a lot of heat when used at Turbo mode for extended periods. When the light works at Turbo for more than 1 minute, the light will automatically step down a few lumens to reduce the temperature. The Turbo mode can be re-entered if it is still needed, but the flashlight may be damaged.

USAGE AND MAINTENANCE

- Disassembling the sealed head can cause damage to the light and will void the warranty.
- Fenix recommends using only a high-quality protected battery.
- Periodic cleaning of the battery contacts improves the light's performance as dirty contacts may cause the light 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 your authorized distributor.

INCLUDED

Fenix E-star flashlight, GP low self-discharge 1300mAh Ni-MH battery, USB Type-C charging cable, Lanyard, User manual, Warranty card

WARNING

- The flashlight is a high-intensity lighting device capable of causing eye damage to the user or others. Avoid shining the light directly into anyone's eyes.
- This flashlight will accumulate a lot of heat when used for extended periods, resulting in a high temperature of the flashlight shell. Pay attention to safe use to avoid scalding.
- Do not shine an object at close range, to avoid burning the object or causing danger due to high temperature.
- The LED of this flashlight is not replaceable; so the entire light should be replaced when the LED reaches the end of its life.
- If any of the information provided in this manual is changed, the new version of the manual shall prevail; if your included user manual is an old one, it acquiesces that we won't send a new manual.