



FENIX E28R V2.0 Rechargeable EDC Flashlight User Manual

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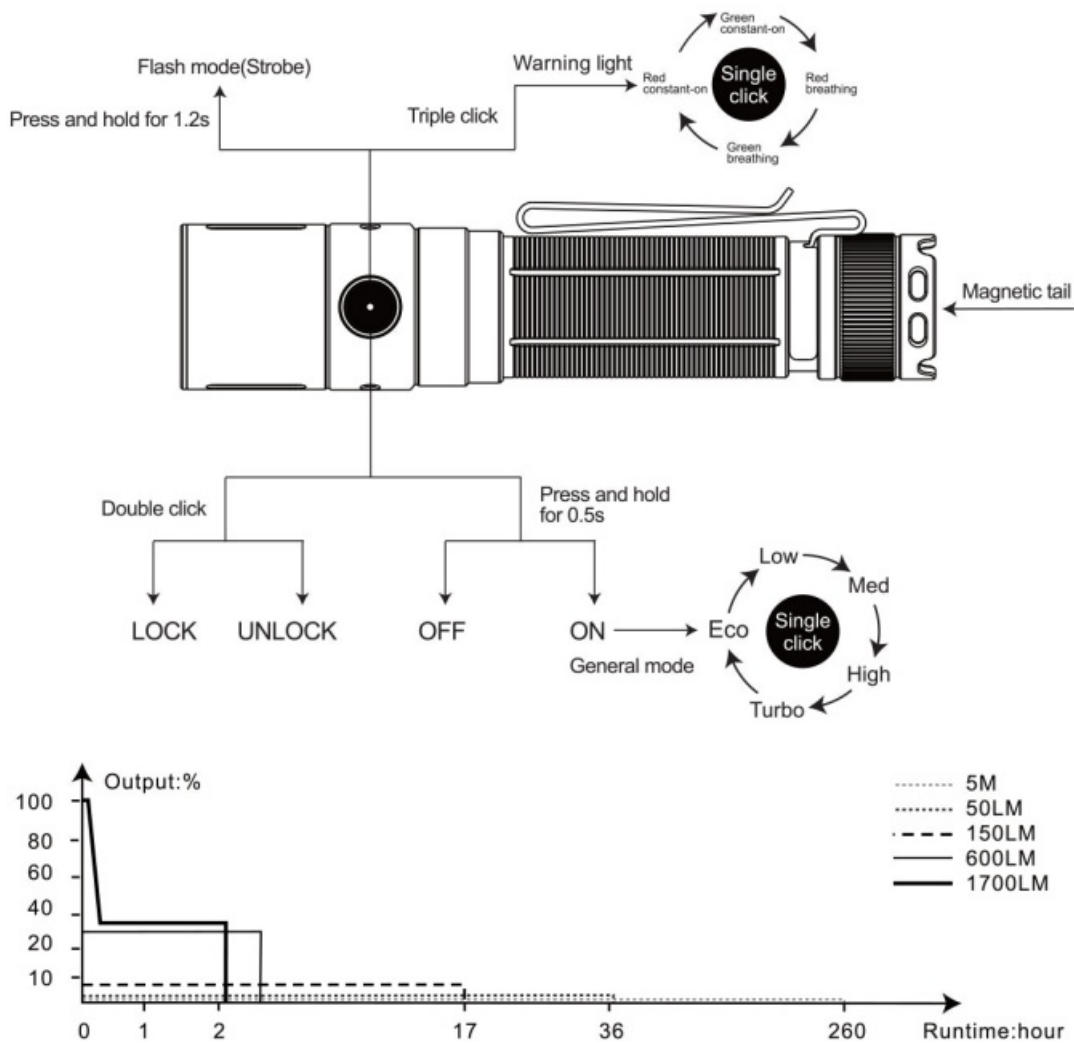
FENIX E28R V2.0 Rechargeable EDC Flashlight



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Description



⚠ WARNING

- Do NOT shine the flashlight directly into the eyes of anyone!
- All information provided in this manual is subject to change without prior notice. DO place this flashlight out of the reach of children!
- Do NOT place light head near flammable objects, high temperatures can cause objects to overheat and become flammable/ignite!
- Do NOT use the flashlight in inappropriate ways such as holding the unit in your mouth, doing so could cause serious personal injury or death if the flashlight or internal battery fails!
- This flashlight will accumulate a significant amount of heat while operating, resulting in a high temperature of the flashlight shell. Pay close attention to avoid burns.
- Turn off and lock the light or take out the battery to prevent accidental activation during storage or transportation.
- The LED of this flashlight is not replaceable; so the whole flashlight will need to be replaced when the LED reaches the end of its lifespan.

(ENGLISH)FENIX E28R V2.0 FLASHLIGHT

- 1700 lumens maximum output and 273 meters maximum beam distance.
- Utilizes one high-performance LED with a lifespan of 50,000 hours.

- Included is one ARB-L18-3400 battery.
- Multiple output levels assist lighting needs required in various scenarios.
- Universal USB Type-C charging port.
- Instant strobe.
- Simple output selection with side switch.
- Lockout function to prevent accidental activation.
- Magnetic tail for hands-free use.
- Two-way body clip for versatile attachment.
- The unique warning light can alert others and ensure user's safety.
- All-metal CNC machined light body.
- Premium type HAIII hard-anodized anti-abrasive finish.
- Size: 4.76" x 1.04" x 0.89"/121 x 26.5 x 22.5 mm.
- Weight: 4.52 oz/128 grams (including battery).

OPERATING INSTRUCTIONS

On/off

With the light unlocked, press and hold the side switch for 0.5 seconds to turn on/off the light.

Mode switching

Mode A is General mode, Mode B is Flash mode, and Mode C is Warning light. Mode A: With the light switched off, press and hold the side switch for 0.5 seconds to turn on the flashlight and enter Mode A.

Mode B: Press and hold the side switch for 1.2 seconds to enter Mode B(strobe). In Mode B, single click the side switch to exit Mode B and return to Mode A.

Mode C: With the light switched off, triple click the side switch to turn on the flashlight and enter Mode C. Press and hold the side switch to exit Mode C and turn off the flashlight.

Output Selection

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

Mode C: In Mode C, single click the side switch to cycle through Red constant-on →Green constant-on→Red breathing→Green breathing.

Intelligent Memory Circuit

The flashlight automatically memorizes the last selected output of General Mode excluding Turbo. When turned on again, the previously used output of General Mode will be recalled. The flashlight will activate in High mode if it was previously switched off in Turbo mode.







Lock/Unlock

Lock: With the light switched off, double click the switch to lock the light, the light will blink twice in Eco mode to indicate locked status.

Unlock: With the light locked, double click the switch to unlock the light, the light will be unlocked and the previously used output will be recalled.

*In locked status, clicking or pressing the switch will activate 2 blinks on Eco to indicate locked status.

TECHNICAL PARAMETERS

ANSI/PLATO FL1	GENERAL MODE					FLASH M ODE	WARNI NG LIG HT
	TURBO	HIGH	MED	LOW	ECO	STROBE	WARNI NG LIG HT
 OUTPUT	1700 lumen s	600 lumen s	150 lumen s	50 lumens	5 lumens	1700 lumen s	1 lumen
 RUNTIME	2 hours 10 minute s*	2 hours 50 minute s	17 15 hours minutes	36 hours 5 0 minutes	260 hours	/	/
 DISTANCE	273 meter s	164 meter s	80 meters	45 meters	15 meters	/	/
 INTENSITY	18588 can dela	6717 cand ela	618 candela	512 candela	57 candela	/	/
 IMPACT RESI STANCE	1 meter						
 SUBMERSIB LE	IP68						

Note: The above specifications are the test results produced by Fenix through its laboratory testing using a single Fenix ARB-L18-3400 battery under the temperature of $21\pm 3^{\circ}$ 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.

BATTERY SPECIFICATIONS

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L18 Series	18650	3.6 V	Recommended	✓ ✓
Non-rechargeable Battery (Lithium)	CR123A	3.0 V	Usable (no charging)	✓
Rechargeable Battery (Li-ion)	18650	3.6 V/3.7 V	Caution*	!
Rechargeable Battery (Li-ion)	16340	3.6 V/3.7 V	Banned	✗
Rechargeable Battery (LiFePO4)	16340	3.2 V	Banned	✗
Rechargeable Battery (LiFePO4)	18650	3.2 V	Banned	✗

Warning: Do not mix batteries of different brands, sizes, capacities or types. Doing so may cause damage to the flashlight or to the batteries being used. *18650 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. Cell damage or short circuiting caused by using this type of battery is considered user induced damage and is not covered by any Fenix warranty or liability.

BATTERY REPLACEMENT

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

CHARGING

1. Turn off the light and open the anti-dust cover to reveal the charging port, then connect the USB Type-C end of the charging cable to the flashlight.
2. The 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 close the anti-dust cover.
4. Only Eco output and Low output can be operated while charging. The flashlight cannot be operated without a battery inserted.

Note:

1. The normal charging time of the included Fenix ARB-L18-3400 rechargeable battery is approximately 3 hours from depletion to fully charged with a 5 V/2 A charging adapter.
2. Recharge a stored light every four months to maintain optimum performance of the battery.

BATTERY LEVEL INDICATION

Each time the light is turned on, the indicator will show the current battery level and will last for 3 seconds. With the light switched off, single click the side switch to check the battery status, the indicator will last for 3 seconds. 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 feature only works with a Fenix ARB-L18 Series battery.

INTELLIGENT OVERHEAT PROTECTION

The flashlight will accumulate a lot of heat when used at high output levels for extended periods. When the light reaches a temperature of 60°C/140°F or above, the light will automatically step down a few lumens to reduce the temperature. When the temperature drops below 60°C/140°F, the light will gradually recall the standard 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 Eco output is reached. When this happens in Eco output, the battery level indicator blinks red to remind you to replace or recharge the battery. To ensure normal use, the flashlight will not turn off automatically and will work till the battery level runs out. Note: This feature only works with a Fenix ARB-L18 Series battery.

USAGE AND MAINTENANCE

- Disassembling the sealed head can cause damage to the light and will void the warranty.
 - Fully charge the light in time to ensure normal function the next time it is needed.
 - 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.
 - Long-term use can result in O-ring wear. To maintain a proper water seal, replace the O-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: Poor battery level.
Solution: Replace or recharge the battery (Ensure the 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

Fenix E28R V2.0 flashlight, ARB-L18-3400 battery, USB Type-C charging cable, Lanyard, Spare O-ring, User manual, Warranty card

LIGHTING FOR EXTREMES



FACEBOOK



WECHAT

“Follow” us for more information about Fenix.

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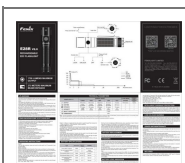
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Documents / Resources



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E28R V2.0 Rechargeable EDC Flashlight, E28R V2.0, Rechargeable EDC Flashlight, EDC Flashlight, Flashlight

References

- [User Manual](#)

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