



ER16GT

USER MANUAL

The Fitorch ER16GT is a compact and powerful flashlight with a LUMINUS SFT25 LED. It delivers up to 1350 lumens and reaches 350 meters. A magnetic tail cap allows hands-free use. It features five brightness levels, strobe and SOS modes, Type-C charging, IP68 waterproofing, and strong impact resistance—ideal for everyday carry and outdoor use.

Specification

- 1350 lumens maximum output and 350 meters maximum beam distance.
- High-performance LUMINUS SFT25 LED
- High-transmittance optical glass lens with AR coating
- 18350-1100mAh rechargeable battery / compatible with CR123A
- 5 regular modes (Turbo–High–Mid–Low–Eco) and Strobe & SOS
- Lock/unlock function, and one key to Turbo
- Power indicator and low-voltage warning function
- Anti-roll integrated body with HA-III military hard anodized finish
- Strong magnetic tail cap for attachment to metal surfaces
- Mode memory function - recalls the last used lighting mode
- IP68 waterproof.
- Dimensions: $\varnothing 26\text{mm}$ * L86.5mm
- Weight: 70g (excluding battery)
- Accessories included: 1*charging cable, 1*18350 battery, 1*lanyard, 1*holster, 1*O-ring, 1*clip

ER16GT Data

FL1 STANDARD	TURBO	HIGH	MEDIUM	LOW	ECO	STROBE	SOS
OUTPUT	1,350 Lumens	650 Lumens	450 Lumens	100 Lumens	10 Lumens	1,350 Lumens	100 Lumens
RUNTIME	45min	1h	2h	7h	50h	/	/
INTENSITY	25,733cd						
DISTANCE	350m						
WATERPROOF	IP68						
IMPACT RESISTANCE	1m						

Note: The above data is based on Fitorch lab testing. Actual performance may vary depending on usage environment and conditions.

Operation

- On/Off:**
Click the side switch to turn on the light. Click again to turn it off.
- Mode Switching:**
While the light is on, press and hold the side switch to cycle through: Eco → Low → Medium → High → Eco →...
- Turbo Mode:**
While unlocked, double-click the side switch to activate Turbo mode.
- Strobe/SOS:**
While unlocked, triple-click the side switch to enter Strobe mode. Triple-click again to switch to SOS.
- Lock&Unlock:**
While off, press and hold the side switch for 5 seconds until the light flashes to lock. Repeat the step to unlock.

- Power Detection:**
While off, quickly click the side switch 4 times to enter power detection. The indicator will blink: one green flash = 1.0V, one red flash = 0.1V.
- Charge:**
Connect the flashlight to a power source via the included charging cable. The indicator light will be red during charging and will turn green when charging is complete.

Usage and Maintenance

- Disassembling the sealed head will damage the flashlight and void the warranty.
- High-quality batteries are recommended.
- O-rings will wear out over time; replace them as needed to maintain waterproof integrity.
- If the flashlight will not be used for an extended period, remove the battery and store it in the packaging box (excluding built-in battery).
- Keep the flashlight away from fire, static electricity, steam, and humid environments during storage.
- Clean the flashlight body with a soft cloth and lubricate with silicone grease every six months.
- Regularly clean battery contact points to improve performance. Dirty contacts may cause flickering, intermittent lighting, or failure to turn on.
Possible causes include:
A: Low battery (replace with a fully charged battery as specified in this manual)
B: Dirty PCB, spring, or other contacts (clean with a cotton swab dipped in rubbing alcohol)

WARNING!

- Use only batteries recommended by Fitorch for this flashlight.
- Do not shine the flashlight directly into eyes to avoid injury.
- Prolonged use may cause the housing to become hot—handle with care to prevent burns.
- Do not shine the beam on objects at close range for extended periods to avoid burns or fire.
- When battery level is below 10%, stop use and charge promptly to avoid battery damage.
- If the flashlight is stored in a backpack or tight space for a long time, remove the battery to avoid accidental activation or leakage.
- Do not immerse the flashlight in liquid while it is hot, as the temperature difference may cause damage.

Warranty

- 15 days replacement: If any manufacturing defect is found within 15 days of purchase, please contact your local Fitorch dealer for a replacement.
- 5-year free repair: If a functional issue occurs during normal use, the flashlight is eligible for free repair within 5 years (60 months) from the date of purchase.
- 1-year battery warranty: The included rechargeable battery is covered under a 1-year warranty.

This warranty does not cover:

- Damage caused by human actions, disassembly, or modifications
- Damage caused by improper operation not in accordance with this manual
- Damage caused by battery leakage
- Damage due to dropping or impact
- Damage caused by water ingress or foreign objects

This warranty policy applies only to the original owner. It does not cover second-hand items, modifications, theft, unauthorized use, or product accessories and packaging.



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Website

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