**Fitorch**

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: φ26mm * 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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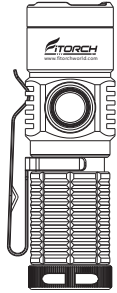
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**Fitorch**

ER16GT

使用说明书

Fitorch ER16GT 是一款小巧高亮的户外手电,搭载高性能 LUMINUS SFT25 LED,最高输出可达 1350 流明,配合优质光学系统,最大射程达 350 米。机身短小便携,却蕴含强劲动力,尾部磁吸设计可吸附于金属表面,解放双手,轻松应对户外探险、露营、维修等多种应用场景。支持多档照明模式及爆闪/SOS,应急与日常照明兼配。搭载 Type-C 快速充电接口,具备 IP68 防水等级与出色的抗摔性能,尽显专业品质,是您随身携带的理想照明伙伴。

## 特点

- 最大输出:1350流明,最远射程可达350米。
- 采用单颗高性能LUMINUS SFT25 LED。
- 高透光学玻璃镜片,带AR涂层。
- 18350-1100mAh可充电电池/兼容CR123A。
- 5档常规模式(极亮-高亮-中亮-低亮-节能)与爆闪&SOS。
- 电量指示和低电压提醒功能。
- 锁定/解锁功能,一键极亮功能。
- 防滚动一体机身,三级硬氧表面处理。
- 尾部强力磁吸设计,可吸附金属表面。
- 带有模式记忆功能,可记忆上次使用的照明模式。
- IP68防水。
- 尺寸:φ26mm * L86.5mm
- 重量:70g(不含电池)
- 附件含:1*充电线,1*18350电池,1*手绳,1*布套,1* O圈,1*抱夹。

## ER16GT数据

| 模式 | 极亮 | 高亮 | 中亮 | 低亮 | 节能 | 爆闪 | SOS |
|---|---|---|---|---|---|---|---|
| 输出 | 1,350 流明 | 650 流明 | 450 流明 | 100 流明 | 10 流明 | 1,350 流明 | 100 流明 |
| 续航 | 45分钟 | 1小时 | 2小时 | 7小时 | 50小时 | / | / |
| 光强 | 25,733坎德拉 | | | | | | |
| 射程 | 350米 | | | | | | |
| 防水等级 | IP68 | | | | | | |
| 防跌落 | 1米 | | | | | | |

以上数据是由Fitorch实验室测试得出,不同的测试环境及条件将有可能会对数据产生影响。

## 操作说明

- **开/关**:
  单击侧按开关开机,再次单击关机。
- **档位切换**:
  开机后,长按侧按开关循环点亮:节能-低-中-高-节能-低-中。
- **极亮档**:
  手机未锁定时,双击侧按开关启动极亮档。
- **爆闪&SOS**:
  手机未锁定时,双击侧按开关启动极亮档。
- **锁定功能**:
  关机状态下,长按侧按开关5秒至灯光闪烁,完成锁定功能;再次长按5秒可解锁。

- **电量检测功能**:
  关机状态下,快速点击侧按开关4次进入电量检测功能。电量指示灯将会通过闪烁来显示所剩电量。一次绿色闪烁为1.0V,一次红色闪烁为0.1V。
- **充电**:
  将配套的充电线连接手筒的充电口与电源,这时电量指示灯将会显示红色,当充电完成后,指示灯将显示绿色。

## 使用和保养

- 拆卸密封的筒头会损坏手电筒并导致保修服务无效。
- 建议使用高品质电池。
- O圈长期使用后会磨损,请及时更换以保持手电筒的密封性。
- 在确认手电筒将长时间内不会使用时,请将电池卸下,装入内盒(内置电池除外)。
- 储存手电筒时需远离火源、静电、蒸汽和潮湿环境.
- 请用柔软的织物清洁机体,然后每半年用硅脂润滑一次。
- 定期清洁电池接触点,以提高手电筒的性能,因为肮脏的接触点会导致灯闪烁、间歇性发光甚至无法点亮。
  以下因素包含在内(内置电池除外)
  A: 电量不足(按此说明书更换电量充足的电池)
  B: PCB, 弹簧 或其它接触点脏污(用棉签抹外用酒精清洁)

## 警告!

- 请使用Fitorch 适用的电池给此手电筒供电。
- 不要直视手电筒的光,以免对眼睛造成伤害。
- 长时间使用手电筒会造成手电筒外壳发热,请注意以避免烫伤。
- 不要将此手电筒的光束长时间、近距离对准某物体,以避免给该物体造成损伤,或是引起火灾。
- 当电量低于10%,请停止使用,并及时充电以避免电池损坏。
- 如手电筒放在背包或空间狭小的地方长时间不使用,请移除电池以免误触发或电池漏液。
- 在手电筒发热时不要将其放入液体中,以免手电筒内外的温度差导致电筒损坏。

## 售后

- 自购买日15天内如发现有任何问题,可以与当地的Fitorch经销商联系更换。
- 正常使用情况下发生功能问题,我们提供5年(60月)的免费保修期。
- 电池享1年质保服务.

## 本保固服务不适用以下情况

- 人为破坏、拆解及改装本产品。
- 未按本说明书指示操作导致产品损坏。
- 电池漏液导致产品损坏。
- 撞击或跌落致本产品损坏。
- 产品进水或因异物进入导致本产品损坏。

此售后政策仅适用于产品原始拥有者,对于转卖、盗窃、改装或未经授权的不合理使用不适用,也不包含本产品相关的配件、包装等。

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说明:
1.展开尺寸为406*72mm　折后尺寸为58*72mm
2.印刷:橙色+黑色两色双面印刷
3.材质:128G铜版纸