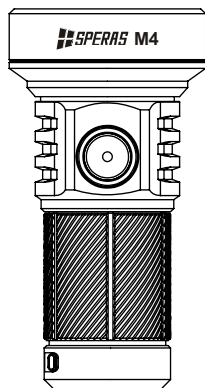# SPERAS M4

User manual

SPERAS M4 is a new release EDC flashlight, which utilizes advanced high-performance LED, emits bright light up to 1320 lumens, and reaches 652m (2130ft). It packs 7 different light modes, Turbo, High, Medium, Low, Strobe and SOS mode, with impressive runtimes (Up to 220 hrs. in Eco mode). With its user-friendly interface and memory function this is an ideal flashlight for daily use, camping etc.

Features

- Compact and powerful. Utilizes one advanced high-performance LED that emits 1320 lumens with a beam distance of 652m (2130ft).
- High transmittance PMMA materials used to create a well-designed TIR lens for an optimal light beam.
- USB-C charging with a smart power indicator system for optimal charge and power status indication.
- High efficient circuit, flicker-free, and a max of 220 hrs. runtime in Eco mode.
- Reverse polarity protection to avoid circuit damage when the battery is incorrectly installed.
- Over charge/discharge protection to extend battery life.
- Lock function to avoid unintended operation.
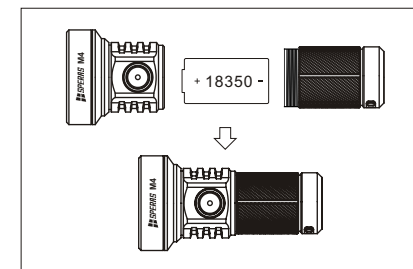- Aerospace 6061 Aluminum Alloy with Type III Hard-anodizing for a durable and anti-abrasive flashlight.

Specifications

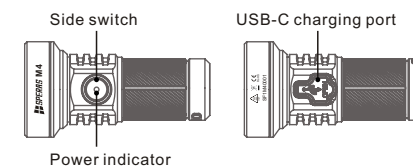| FL 1 STANDARD	Turbo	High	Medium	Low	ECO	Strobe	SOS
Output	1320LM	450LM	220LM	60LM	0.5LM	1320LM	220LM
Runtime	1H 10mins	1H 15mins	2h	7H 45mins	220h	/	/
Beam Intensity	106,400 cd	37,500 cd	17,000 cd	4,250 cd	75 cd	106,400 cd	17,000 cd
Beam Distance	652m 2130ft	387m 1270ft	261m 855ft	130m 426ft	17m 55ft	652m 2130ft	261m 855ft
Impact Distance	1.5m						
Waterproof	IP68						
LED	Advanced high-performance led						
Battery Source	1*18350 Li-ion battery						
Lens	Ultra clear PMMA TIR Lens						
Charging Time	2H(USB-C)						
Material	Aerospace 6061 Aluminum Alloy						
Finish	Premium Type III Hard-anodizing						
Dimension	3.07"(Length)*1.59"(Head)*1.02"(Tube) 78.5(Length)*40.4(Head)*26(Tube)mm						
Net Weight	3.07oz /87.2g						

Note:
The above data has been measured in accordance with international flashlight testing standards ANSI/NEMA FL1 using SPERAS 3.7V/1100mAh 18350 battery under laboratory conditions.

Battery Installation

Please install the battery in right orientation

Operation Instruction

Side switch   USB-C charging port

Power indicator

1.ON/OFF
- Click the side switch once to switch on.
- Click again to switch off the light.

2. ENTERING ECO
In the Off state, press and hold for 0.5second to enter Eco mode. Click again to switch off the light.
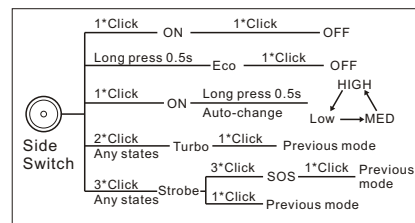
3. CHANGE BRIGHTNESS
In the On state, press and hold the switch to cycle through the brightness modes (Low-Medium-High). Release the switch on the desired level.

4. ENTERING TURBO
In any state, double click the switch to enter Turbo mode. Click again to revert to the previous setting.

5. ENTERING STROBE/SOS
In any state, triple-click the switch to enter the Strobe mode. In Strobe mode, triple-click again to enter the SOS mode and one click in either Strobe, or SOS mode will revert back to the previous setting.

LOCK FUNCTION
The lock function is designed to avoid unintended / accidental activation of the flashlight..
- In Off State, press the switch for more than 2seconds to lock the flashlight.
- The flashlight enters Eco mode and then flicker twice to indicate the LOCK state.

In the LOCK state, the flashlight can't be operated

In the LOCK state, triple-click the switch to UNLOCK the flashlight. The flashlight will flicker twice to indicate the UNLOCK state.

*Click the switch, if the Orange Indicator flashes (5seconds), it indicates the flashlight is in LOCK. You have to UNLOCK the flashlight before usage.

CHARGING
SPERAS M4 support USB-C charging port charging and charging the battery in a charger. When USB-C charging, the indicator will display as follow:
- Green: Charging is complete
- Red: Busy charging
- Orange: Check that battery is correctly seated or faulty battery.
- It takes about 2Hrs for the flashlight to fully-charge.

Note: Eco is the ONLY mode that can be used when charging

POWER INDICATOR
When turning the flashlight on, the built-in indicator on the side switch will indicated the remaining power level for 5 seconds.
- Power indicator shows remaining power:
- Green: 100%-70%
- Orange: 70%-30%
- Red: 30%-10%
- Red Flash: 10%-1%, (Alert flash to indicate very low power level).

Inside the box

1*SPERAS M4
1*USB-C charging cable
1*Lanyard
2*Extra O-rings
1*User manual
1*18350 1100mAh Lithium Battery (Optional)

Usage and Maintenance
- Please fully charge battery before initial use.
- To maintain the waterproof rating, please lubricate the O-ring with silicone safe lubricant and replace broken O-rings as soon as possible.
- If the light will not be used for a long period or when transported, please unscrew the tailcap and remove the battery to cut off the circuit.

Danger and Warning
- DO NOT shine light directly into eyes. This may cause temporary blindness or permanent damage to the eyes.
- DO NOT cover the light head when the flashlight is on, or place the light head on the ground. The heat dispersion of the light may cause damage to the flashlight itself or even result in burning other objects.
- Keep out of reach of children
- DO NOT activate the high mode constantly to prevent the flashlight body from overheating and hurting the user's hand.

Warranty
- The product is provided with a 5-year warranty. Any non-artificial damage, please contact the SPERAS after-sales department.
- The warranty does not cover normal wear and tear, modifications, misuse, disintegrations, negligence, accidents, improper maintenance or repairs by anyone other than an authorized retailer or SPERAS Itself.

摊开240x90mm 折后60x90㎜
157g铜版纸单黑双面印刷