



EST
User manual

Danger and Warning

- ❑ Please read the user manual before first use
- ❑ DO NOT shine light directly into eyes. This may cause temporary blindness and/or cause 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.
- ❑ Please insert SPERAS batteries or SPERAS recommended batteries.

Inside the box

1*SPERAS EST	1*USB-C charging cable	1*18650 3100mAh Lithium Battery
1*Lanyard	2*Extra O-rings	1*User manual

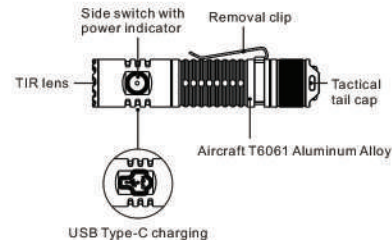
Specification

FL 1 STANDARD	Turbo	High	Medium	Low	Strobe	SOS	
	Output	1900LM-600LM	400LM	100LM	10LM	1900LM	100LM
	Runtime	90S-4H	5H15min	2H30min	157H	—	—
	Beam Intensity	11,175cd	2,500cd	750cd	100cd	—	—
	Beam Distance	211m	100m	55m	20m	—	—
	LED	Luminus SST40*1					
	Lens	TIR Lens					
	Battery Source	18650*1/CR123A*2					
	Charging Time	About 4hrs(Type-C charging)					
	Impact Distance	1.5m					
	Waterproof	IP68					
	Material	Aerospace 6061 Aluminum Alloy					
	Dimension	4.72"(Length)*1.0"(Head)*1.0"(Tube) 120"(Length)*25.4"(Head)*25.4"(Tube)mm					
	Net Weight	81g/2.85oz(Battery excluded)					

The above data has been measured in accordance with international flashlight testing standards ANSI/NEMA FL1 using a SPERAS 3.7V/3100mAh 18650 battery under laboratory conditions.

Product Overview

The SPERAS EST is a compact (12 cm), high-performance (1900 lumens), long-lasting (4h runtime in high mode) flashlight that boasts a 211m beam throw. The EST supports multiple batteries sources which ensure options to keep you powered up. The USB-C charging reduces charge time and ensures you can charge wherever a power source is available. These features make the EST an ideal flashlight for outdoor use (hiking, camping etc.), for law enforcement and search and rescue operations.



Battery Installation

Before the first use, please remove the insulating film of battery from the tail cap. And if the battery needs to be changed, make sure the positive polarity side of the battery faces toward the direction of the flashlight head (the side of the LED).



Operating Instructions

ON/OFF/Tail Strobe

- ❑ Can only be turned ON/ OFF by the tail button.
- ❑ Slightly press the tail button, momentary on (memory mode); Release, turn OFF.
- ❑ Press down the tail button, turn on (memory mode); Press down, turn off.
- ❑ On the OFF state, quickly light press twice, momentary strobe; Release, OFF.
- ❑ On the OFF state, quickly press and press down, strobe; press down, OFF.

Adjust Mode & Strobe & SOS

- ❑ ON state, click the side button to adjust mode. The mode will circle from LOW, MED, HIGH to Turbo;
- ❑ ON state, Double click, enter strobe; Double click again, enter SOS; click, back to the previous mode.

*Note: Only can charge rechargeable 18650 lithium battery, EST can not work when charging.

Power Indicator

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

Usage and Maintenance

- ❑ Please fully charge the 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 tail cap and remove the battery to break the circuit.

Warranty

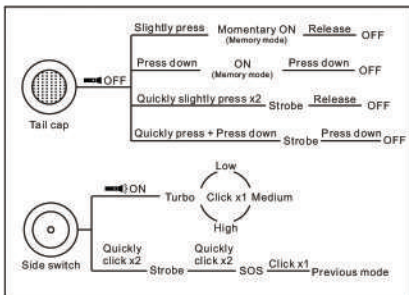
- ❑ 30 days free replacement: We will repair or replace a light within 30 days of purchase if it is afflicted with a manufacturing defect. If the problem calls for a replacement, we will replace the light with the same model as the one sent in. If the model has been discontinued, customers will receive a product with similar or improved performance.
- ❑ 5 years warranty: We offer free repair within 5 years of purchase if problems develop with normal use.
- ❑ Limited lifetime warranty: If problems develop after 5 years of the purchase, we will charge for parts. The total repair fee is assessed according to the cost of the replaced materials.

- ❑ Contact Your Dealer First: You may provide your SPERAS Warranty Card, purchase invoice, receipt or other evidence from the sellers when you purchasing our lights and contact your dealers directly for warranty service, and SPERAS will provide dealers with service support;

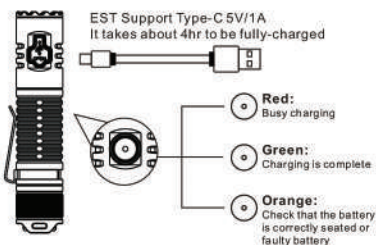
Beyond Warranty

- ❑ Free warranty DOES NOT cover any damage or failure caused by:
- ❑ Normal wear up
- ❑ Damages caused by disassembling, modifying the flashlight
- ❑ Damages caused by rough operation or misuse
- ❑ Improper maintenance or repairs by anyone other than an authorized retailer or SPERAS itself

Shenzhen Speras Lighting Co., Ltd
 Add: 4F, Building G, Gangshen Innovation Park, Huangning Road, Dalang Street, Longhua District, Shenzhen, China. China. 518109
 Tel.: +86-755-2107 2597
 Email: info@speraslight.com
 Website: www.speraslight.com



Charging



SPERAS Warranty Card

Product Model No.: _____

Series No.: _____

Date of Purchase: _____

Signature/Dealer Stamp: _____

Thank you for choosing SPERAS.

The SPERAS flashlight is covered by a 5-years warranty from the date of purchase. Please ask the seller/dealer fulfill the date of purchase and sign/stamp the warranty card after purchase! Contact the seller/dealer of SPERAS flashlight first if help needed!

Notice: The warranty covers manufacturer defects solely and becomes invalid if the flashlight is subjected to work by an unauthorized party.

