







EST Mini
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 Mini	 1*USB-C charging cable	 1*18350 1100mAh Lithium Battery
 1*Lanyard	 2*Extra O-rings	 1*User manual

Specification

FL 1 STANDARD	Turbo	High	Medium	Low	ECO	Strobe	SOS
 Output	1900LM	800LM	400LM	100LM	10LM	1900LM	400LM
 Runtime	1.5H	1.7H	2H	8H	57H	—	—
 Beam Intensity	11,175cd	5,000cd	2,500cd	750cd	100cd	—	—
 Beam Distance	211m	141m	100m	55m	20m	—	—
 LED	Luminus SST40*1						
 Lens	TIR Lens						
 Battery Source	1* 18350 Lithium battery						
 Charging Time	About 2hrs (Type-C charging)						
 Impact Distance	1.5m						
 Waterproof	IP68						
 Material	Aerospace 6061 Aluminum Alloy						
 Dimension	88(Length)*25.4(Head)*25.4(Tube)mm						
 Net Weight	65g (Battery excluded)						

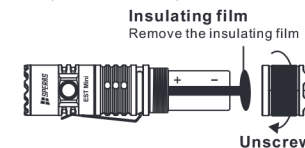
Note: The above data has been measured in accordance with international flashlight testing standards ANSI/NEMA FL1 using SPERAS 3.7V/1100mAh 18350 battery under laboratory conditions.

Product Overview

SPERAS EST Mini boasts a remarkable maximum output of 1900lm and a throw of 211 meters in a compact size. It has simple user interface which could be easy to enter the ECO mode and turbo mode. Equipped with 18350 1100mAh, giving the flashlight a max running time of 57 hours and it also support USB-C charging. SPERAS EST Mini is a mighty flashlight for outdoor, tactical, security or even general use.

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 again, turn OFF.
- ❑ At the OFF state, quickly light press twice, momentary Strobe; release, turn OFF.

- ❑ At the OFF state, quickly press and press down, Strobe; press down, turn OFF.

Change mode

- ❑ At the ON state, click the side button to change modes. The mode will circle from Low, Med, High to Turbo.

Strobe/SOS

- ❑ At the ON state, double click the side button to enter the Strobe mode, double click again to enter SOS; one click to return the state before strobe.

ECO mode

- ❑ Keep pressing the side button and then press down the tail button, the flashlight will enter the ECO mode.

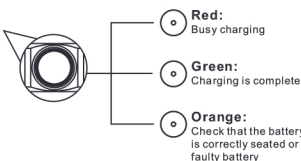
Turbo mode

- ❑ At the ON state, long press the side button for 0.5 seconds, it will enter the Turbo mode; it will back to the previous mode when release.

Charging



EST Mini Support Type-C 5V/1A
It takes about 2hrs to be fully-charged



*Note: Only can charge rechargeable 18350 lithium battery. EST Mini 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%-5%
Red Flash: 5%-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



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-year warranty from the date of purchase. Please ask the seller/dealer to 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.

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