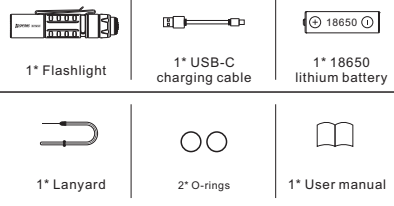


ST20  
User manual

### Danger and Warning

- ⚠ Please read the user manual before first use
- ⚠ DO NOT shine light directly into eyes. This may cause temporary blindness 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 hurt the user's hand.
- ⚠ Please loose the tail a little of the flashlight to prevent false triggering before placing it in a backpack, pocket or not using it for a long time.

### Inside the box



### Optional Accessory



### Specification

FL 1 STANDARD	Turbo	High	Medium	Low	Strobe
Output	1300LM	500LM	100LM	10LM	1300LM
Runtime(PC38)	4H	6H	20H	400H	—
Runtime(EB31)	3H15mins	4H48mins	16H	326H	—
Beam Intensity	7,625cd	3,125cd	750cd	100cd	—
Beam Distance	175m	112m	55m	20m	—
LED	Luminus SST40				
Reflector	TIR Lens				
Battery Source	1*18650 Lithium Battery				
Charging	Charge through the USB-C port on battery OR by charger				
Impact Distance	1.5m				
Waterproof	IP68(underwater 2m)				
Material	Aerospace 6061 Aluminum Alloy				
Dimension	115(Length)*25.4(Head)*25.4(Tube)mm				
Net Weight	82g(exclude battery) / 132g(include battery)				

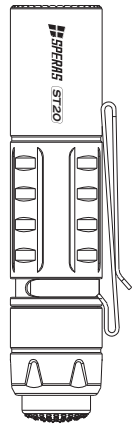
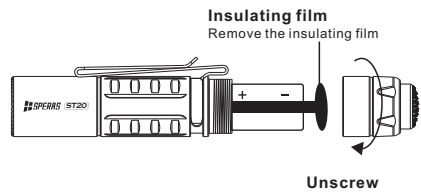
The above data has been measured in accordance with international flashlight testing standards ANSI/NEMA FL1 using a SPERAS 18650 Lithium battery 3800mAh( model:PC38) and one SPERAS 18650 Lithium battery 3100mAh( model:EB31) under laboratory conditions.

### Product Overview

The SPERAS ST20 is an innovative LED flashlight with 1300lm max output and 175m beam distance. It is equipped with 1 pce 18650 3100mAh Lithium battery which serves for 326H long running time at LOW mode, if use 18650 3800mAh battery, the running time could reach to 400H at LOW mode. The 2-in-1 tactical tail button allows it one-step to turbo, one-step to strobe, one-step to change mode, which brings a new and simple operating experience. With these functions, ST20 is an ideal flashlight for police, military, security, outdoor or daily use etc.

### 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).

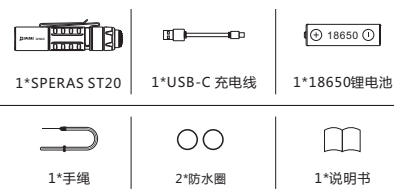


ST20  
使用说明书

### 危險和警告

- ⚠ 首次使用，請詳細閱讀說明書。
- ⚠ 請勿將光線直射眼睛。這可能會導致暫時失明或對眼睛造成永久性損傷。
- ⚠ 請勿在手电筒開啟時遮蓋燈頭，或將燈頭放在地上。光的热量扩散可能会导致手电筒本身的损坏，甚至导致其他物体燃烧。
- ⚠ 请放在儿童接触不到的地方。
- ⚠ 请勿持续开启高光模式，以免手电筒筒体过热伤手。
- ⚠ 放入背包、口袋或长时间不使用前，请稍微扭松手电筒以防止误触发。

### 套装标配



### 可选配件



### 产品参数

ANSI标准参数	极亮档	高亮档	中亮档	低亮档	爆闪
输出流明	1300LM	500LM	100LM	10LM	1300LM
续航(PC38)	4H	6H	20H	400H	—
续航(EB31)	3H15mins	4H48mins	16H	326H	—
光强	7,625cd	3,125cd	750cd	100cd	—
射程	175m	112m	55m	20m	—
灯珠	Luminus SST40				
光杯	透镜				
电源	1*18650锂电池				
充电	通过电池的USB-C口充电/充电器				
防跌落	1.5m				
防水等级	IP68				
材料	T6061铝合金				
尺寸	115(长)*25.4(头部直径)*25.4(筒身直径)mm				
净重	82g(不含电池) / 132g(含电池)				

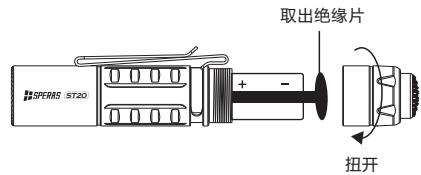
以上数据是按照国际手电筒测试标准ANSI/NEMA FL1, 使用 SPERAS 18650锂电3800mAh (型号PC38) 和18650 锂电池 3100mAh (型号EB31) 在实验室条件下测得。

### 产品简介

SPERAS ST20是一款拥有1300lm, 175m射程的创新型手电筒。配置18650 3100mAh锂电池，在低亮模式下，最长续航可达326H；如果使用18650 3800mAh锂电池，低亮模式下最长续航可达400H。2合1尾部战术开关可使手电一键高亮，一键爆闪，一键换挡，给使用者提供新型的，简便的操作模式。在这些功能的加持下，使ST20成为一款理想的军用，警用，安防，户外或者日常使用的手电筒。

### 电池安装

首次使用手电，需要您拧开电筒后盖，取出绝缘片，然后拧紧后盖，即可使用。更换电池，请注意按照正确的电池方向装入。



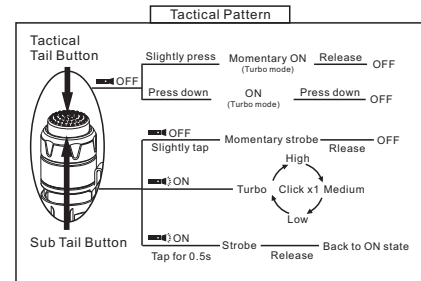
### Operating Instructions

#### For the tactical tail switch

- ⚠ In the OFF state, press the tail button to momentary ON(Turbo mode); Release, OFF.
- ⚠ In the OFF state, press down the tail button to enter the (Turbo mode), press then release to turn OFF the flashlight.

#### For the Sub tail switch (Option way: tap the button from side to inside)

- ⚠ In the OFF state, tap the sub tail switch to momentary Strobe, release, OFF.
- ⚠ In the ON state, click the sub tail switch to change mode(TURBO-HIGH-MEDIUM-LOW).
- ⚠ In the ON state, tap the sub tail switch and keep for 0.5 seconds to enter the STROBE mode, release to back to ON state.



### 操作

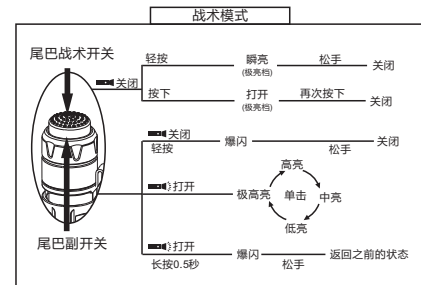
#### 战术模式

##### 1. 尾部战术开关

- ⚠ 在手电筒关闭状态下，轻按战术开关，瞬亮（极亮档），松手，手电筒关闭。
- ⚠ 在手电筒关闭状态下，按下战术开关，打开手电筒（极亮档），再按下，关闭。

##### 2. 尾部副开关（使用方法：从按键侧边往中间按压）

- ⚠ 手电筒关闭状态下，按压副开关，可进入爆闪，松手，手电筒关闭。
- ⚠ 在手电筒打开状态下，单击副开关，可更换档位。
- ⚠ 在手电筒打开状态下，长按副开关0.5秒，进入爆闪；松手，则返回之前的状态。



### 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,  
 Huang Road, Dalang Street, Longhua District,  
 Shenzhen, China. China. 518109  
 Tel.: +86-755-2107 2597  
 Email: info@speraslight.com  
 Website: www.sperasflashlight.com



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 first if need help!

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



双面印刷 折后尺寸60x90mm



产品型号: \_\_\_\_\_

产品序列号: \_\_\_\_\_

购买日期: \_\_\_\_\_

代理商签名/盖章: \_\_\_\_\_

**感谢您选择 SPERAS.**  
 SPERAS 手电筒自购买之日起享有 5 年保修。购买后请要求卖家/经销商填写购买日期并在保修卡上签字/盖章！如果需要帮助，请先联系 SPERAS 手电筒的卖家/经销商！

注意：保修条款仅涵盖制造商缺陷。