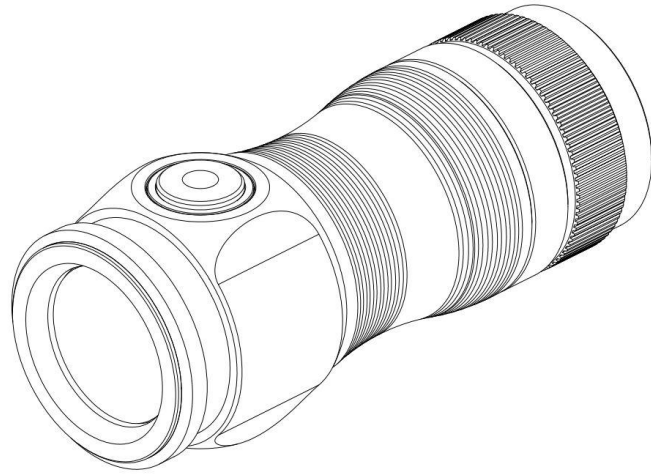


# SOFIRN SC13 MANUAL



**Thank you for purchasing this Sofirn product.**

**send email to [sofirnlight@gmail.com](mailto:sofirnlight@gmail.com)**

**if you meet any issues.**

The Sofirn SC13 is a powerful mini flashlight. At just 2.54 inches tall and weighing 1.41 ounces, the SC13 doubles as a carry-on keychain flashlight. This little thing emits a beam of up to 1,300 lumens and reaches a distance of up to 217 meters. Tiny but mighty. Get the desired illuminating whenever you are night walking, working, in emergencies, etc.

## ANSI/NEMA FL1 Chart

Modes	Moonlight	Low	Medium	High	Turbo	Strobe
Luminous Flux	1lm	10lm	150lm	500lm	1300-500lm	1300lm
Beam Distance	6m	18m	70m	131m	217m	-
Runtime	100h	17h 36min	3h 30min	1h 30min	2min+1h 20 min	-

Peak Intensity	9cd	81cd	1242cd	4267cd	11750cd	-
IMPACT RESISTANCE	1m / 3.28ft					
WATER RESISTANCE	IP68 (not for diving)					
NOTE	The above mentioned parameters are based on tests according to international flashlight testing standards (ANSI/NEMA FL1) using one 1100mAh 18350 battery. Results may vary with different battery or under different environmental conditions.					

## Specifications

- ❖ Emitter: High-powered LED\*1
- ❖ Battery Option: 1×18350 battery
- ❖ Working Voltage: 2.7V-4.2V
- ❖ Mode Operation: Side e-switch
- ❖ USB Type-C charging
- ❖ Material: AL6061-T6 aluminium alloy
- ❖ Water Resistance: IP68 waterproof
- ❖ Size: 28.5mm ( head diameter) \*64.6mm (length)
- ❖ Weight: 40g(without battery)
- ❖ Reverse polarity protection from improper battery installation.

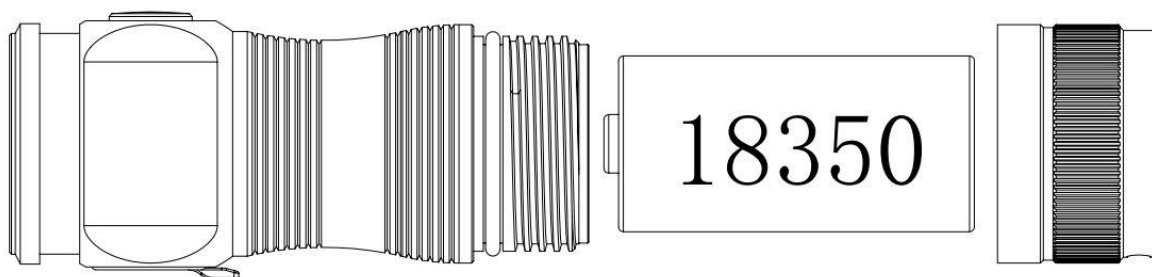
## Safety Instructions

- ❖ SC13 is a powerful mini flashlight. Never stare into beam or point it directly at a person, or moving vehicles. Doing so could cause retinal damage. Please do not allow children to play with it. Strobe mode may cause seizure in persons with photosensitive epilepsy.
- ❖ Operating SC13 for a long time in high powered modes will quickly heat up the flashlight. This is normal.
- ❖ Pay close attention to the proper installation of the battery. Always check that the positive end of the battery faces the flashlight's head.
- ❖ Please unscrew the light body half a turn or rotate the clip to the switch position to avoid unwanted activation during transport. It also prevents the battery from draining while the flashlight is in standby.
- ❖ Never leave your SC13 with its face against any surface, including skin, while in operation. Transport or store the SC13 in a way that minimizes the chance it can

accidentally be turned on. The resultant heat build-up can cause a fire, burns or damage the flashlight.

## Battery Option

Battery Type	Dimension & Quantity
Rechargeable lithium-ion battery	1 x 18350 battery



## Battery Installation

Before first use, please unscrew the tail cap and remove the insulating paper. If the battery needs to be replaced, make sure that the positive end of the new battery faces the flashlight head when you put it in.

## Battery Level Indicator

After turning on the SC13, the indicator will display the power status for 5 seconds.

**Green Constant On** = 70%-100%

**Red Constant On** = 30%-70%

**Red Flashes** = 0-30%

## Light Indicator When Charging

**Red** = Charging

**Green** = Fully Charged

## General Operation

**ON/OFF:** Single click the switch to turn it on and activate the memory mode. Single click again to turn it off.

**OUTPUT SELECTION:** When the flashlight is on, long press the switch to select output. It cycles through : Low→Medium→High.

**DIRECT ACCESS TO MOONLIGHT MODE:** When the flashlight is off, press the switch for 1 second to activate moonlight mode.

**SWITCH BETWEEN TURBO AND STROBE:** In any mode (not in lockout mode), Fast double-click the switch to activate turbo, then double click again to switch between Turbo and Strobe. Single click the switch to return to the last used mode.

**MANUAL LOCKOUT:** The light can be locked by pressing the button 3 times quickly when the light is off. The LED flashes twice to acknowledge the lock. The feature can be disabled with a triple press when the light is locked.

**OPERATIONS UNDER LOCKOUT MODE:** Long press the button to activate momentary-moonlight mode. Nothing will happen on any other operation but the LED flashes twice to remind you.

## FAQ

Q1 : why the flashlight only works while plugged in?

A1: Please unscrew the tail cap and remove the insulating paper, screw the tail cap back on and try again.

Q2 : Can I use the flashlight while recharging?

A2: Please keep the flashlight on "Off" while recharging

Q3 : Does it accept C-C charging cable?

A3: Yes, but C-C charging cable is not included. Please know that some charging cables have fat type-C which won't fit the SC13 charging port.

Q4: It gets hot quickly, is it normal?

A4: Yes, powerful flashlights heat up easily which is normal.

## **Troubleshooting and Maintenance**

- ❖ Disassembling the sealed head can damage the flashlight and voids the warranty.
- ❖ Sofirn, Ltd. recommends using high-quality brand batteries. Damage by battery leakage voids the warranty.
- ❖ Remove the battery if the flashlight will not be used for an extended period of time.
- ❖ To prevent self-discharge or accidental activation during storage or transportation, unscrew the light body by half a turn or remove the battery.
- ❖ Every 6 months threads should be wiped with a clean cloth followed by a thin layer of silicone grease.
- ❖ To maintain a proper level of waterproofness, replace worn-out o-rings with an approved spare.

If the above methods do not work please refer to the warranty policy before contacting your authorized distributor.

### **Sofirn Limited:**

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**Please contact us if you have any questions.**

**If your product is defective please contact us for replacement within warranty period.**

Manufacturer: Shenzhenshi Jinba Technology Co.,Ltd

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