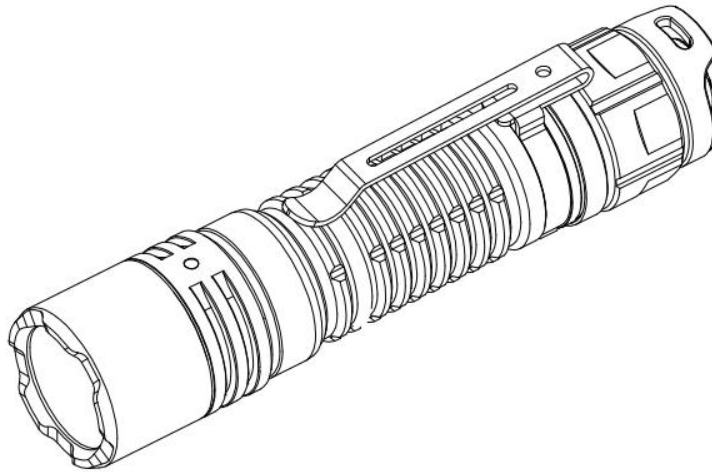


Sofirn SC28 Manual



Thank you for purchasing this Sofirn product.

send email to sofirnlight@gmail.com

if you meet any issues.

The Sofirn SC28 is a rechargeable EDC flashlight perfect for outdoor and indoor use. It features a tactical tail switch for momentary or constant on operation and two different user-selectable programs. Equipped with a powerful led, it delivers an incredible maximum output of 2800 lumens and throws up to 223 meters. Powered by a single 21700 battery, SC28 always lights your path whenever you turn it on, ensuring great visibility and safety.

ANSI/NEMA FL1 Chart

Modes	Moonlight	Low	Medium	High	Turbo	Strobe
Luminous Flux	1lm	100lm	350lm	1200lm	2800lm	2800lm
Beam Distance	6m	43m	80m	150m	223m	-
Runtime	1000h	15h	6h	4h	3h	-

Peak Intensity	8cd	464cd	1583cd	5600cd	12408cd	-
IMPACT RESISTANCE	1m / 3.28ft					
WATER RESISTANCE	IPX-8 (not for diving)					
NOTE	The above mentioned parameters are based on tests according to international flashlight testing standards (ANSI/NEMA FL1) using one 5000mAh 21700 battery. Results may vary with different battery or under different environmental conditions.					

Specifications

- ❖ Emitter: High-powered LED
- ❖ Battery Option: 1×21700 battery
- ❖ Working Voltage: 3V-4.2V
- ❖ Maximum Charging Current: 2A
- ❖ USB Type-C charging
- ❖ Material: AL6061-T6 aluminium alloy
- ❖ Water Resistance: IPX8 waterproof
- ❖ Size: 29mm (head diameter) *129mm (length)
- ❖ Weight: 83g(without battery)
- ❖ Advanced Temperature Regulation (ATR) technology: In High or Turbo mode, flashlight heats up easily. To prevent over-heating, SC28 drops to lower brightness level automatically when the temperature reaches 55 degrees.
- ❖ Low Voltage Protection: Red indicator flashes when the battery voltage is low, indicating that the remaining battery power is poor. The flashlight turns off automatically to protect the battery from being discharged when the battery voltage is lower than 2.8V.

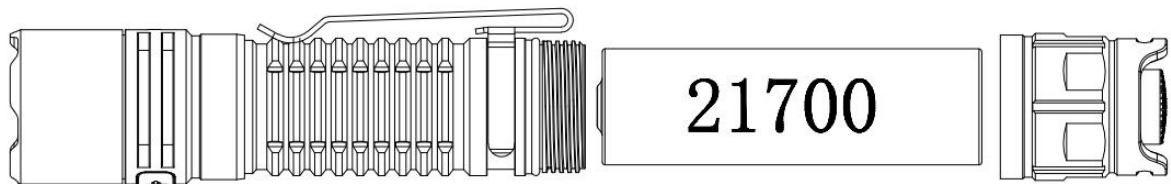
Safety Instructions

- ❖ SC28 is a powerful 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 SC28 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 to avoid unwanted activation during transport. It also prevents the battery from draining while the flashlight is in standby.
- ❖ Never leave your SC28 with its face against any surface, including skin, while in operation. Transport or store the SC28 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 21700battery



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 SC28, the indicator will display the power status for 5 seconds.

Green = remaining battery power is good (50% - 100%).

Red = remaining battery power is poor (25% - 50%).

Flashing Red = critical power (0%-25%), please replace or recharge battery as soon as possible.

After turning SC28 on, the red indicator flashes to prompt when the remaining battery power is less than 25%.

Light Indicator When Charging

Red = Charging

Green = Fully Charged

The flashlight automatically shuts down when running out of battery, please recharge it as soon as possible or press the tail switch to make it in the off state.

Note: Please turn off the flashlight when charging.

General Operation

SC28 features a tactical switch with momentary operation (light press or tap) and constant on operation (press until click).

OUTPUT SELECTION: From off, half press or tap to change brightness. Fully Press to for constant brightness after being chosen.

There are 2 programs for different using scenarios:

Program 1: Moonlight (1 Lm)→Low (100 Lm)→Medium (350 Lm)→High (1200 Lm)→Turbo (2800 Lm)

Program 2: Turbo (2800 Lm)→Strobe (2800 Lm)→Medium (350 Lm)

PROGRAM SWITCHING:

To toggle between the 2 programs, turn on and wait for 5 seconds. When the light flashes, then quickly double-click to advance to the next program. When finished, the light flashes twice to indicate success. If you want to change modes, turn it off, and tap to choose modes you like. **Please know that every time you turn it on, the light flashes after 5 seconds. If you don't need to change program, just ignore it.**

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 typeC which won't fit the SC28 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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