

sofirn SC18

Sofirn SC18 Rechargeable Flashlight User Manual

Model: SC18

1. INTRODUCTION

Thank you for purchasing the Sofirn SC18 Rechargeable Flashlight. This compact and powerful EDC (Everyday Carry) flashlight is designed for various applications, offering high brightness, convenient USB-C charging, and durable construction. Please read this manual carefully before use to ensure proper operation and maintenance.

2. SAFETY INFORMATION

- **Eye Safety:** Do not shine the flashlight directly into eyes or at other people. The high lumen output can cause temporary vision impairment.
- **Children:** Keep out of reach of children to prevent accidental activation or misuse.
- **Heat:** The flashlight head may become hot during prolonged use at high brightness levels. Exercise caution to avoid burns.
- **Battery Safety:** Use only the recommended rechargeable battery. Do not disassemble, crush, or expose the battery to extreme temperatures or fire.
- **Disassembly:** Do not disassemble the flashlight head as this may damage the light and void the warranty.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Sofirn SC18 Flashlight
- Rechargeable Battery (pre-installed or separate)
- USB-C Charging Cable

- Lanyard
- User Manual

Super Bright

Pocket Size Flashlight

Max Output: | Beam Distance:
1800 LM | **712 FT**



Image: The Sofirn SC18 flashlight shown with its included accessories, typically a USB-C cable, lanyard, and battery.

4. SETUP

4.1 Battery Installation

The Sofirn SC18 typically comes with the battery pre-installed. If not, unscrew the tail cap, insert the 18650 rechargeable battery with the positive (+) end facing towards the head of the flashlight, and then screw the tail cap back on tightly.

4.2 Initial Charging

Before first use, fully charge the flashlight. The SC18 features a built-in USB-C charging port.

1. Locate the rubber cover on the side of the flashlight head.
2. Gently pull open the rubber cover to expose the USB-C port.
3. Connect the provided USB-C cable to the flashlight and plug the other end into a USB power source (e.g., phone charger, power bank, computer USB port).

4. The indicator light on the side switch will show charging status:
 - **Red:** Charging
 - **Green:** Fully charged
5. Once charging is complete, disconnect the cable and firmly close the rubber cover to maintain water resistance.



USB-C fast charging in **1** hour, up to **230** hours of battery life.

Mode	Moon	Low	Medium	High	Turbo	Strobe
	3lm	100lm	350lm	800lm	1800lm	1800lm
	11m	51m	97m	150m	217m	–
	230h	23h	6.3h	2.6h	2.3h	5h

Image: The Sofirn SC18 flashlight with its USB-C port exposed and connected to a charging cable, illustrating the charging process and battery indicator.

5. OPERATING INSTRUCTIONS

The Sofirn SC18 uses a single side switch for all operations.

5.1 Basic Operation

- **Turn On/Off:** Single click the side switch to turn the light on or off.
- **Change Brightness Modes:** While the light is on, press and hold the side switch to cycle through Moon, Low, Medium, and High modes. Release the switch to select the desired mode. The flashlight has a Smart Memory function and will turn on at the last used brightness level (except Turbo and Strobe).



1800 Lumens of Powerful Light, 217m Throw

Visible Realistic Lighting

Image: A person holding the Sofirn SC18 flashlight, illuminating a dark path with its powerful 1800 lumen beam, demonstrating its effective beam distance.

5.2 Special Modes

- **Moonlight Mode:** From OFF, press and hold the side switch for 1 second to activate Moonlight mode.
- **Turbo Mode:** Double-click the side switch from any state (ON or OFF) to activate Turbo mode. Double-click again to return to the previously used mode.
- **Strobe Mode:** Triple-click the side switch from any state (ON or OFF) to activate Strobe mode. Single click to turn off or double-click to return to the previously used mode.

5.3 Lockout Function

The lockout function prevents accidental activation, which is useful when carrying the flashlight in a pocket or bag.

- **Activate Lockout:** From OFF, quadruple-click the side switch. The main LED will flash twice to indicate lockout is active.
- **Deactivate Lockout:** Quadruple-click the side switch again. The main LED will flash twice, and the flashlight will turn on in Moonlight mode, indicating lockout is deactivated.



Safety Lock Mode

Put it in your backpack without worrying about it opening accidentally.

Image: An illustration of the Sofirn SC18 flashlight with a protective shield graphic, demonstrating the safety lock mode feature to prevent accidental activation.

6. MAINTENANCE

6.1 Cleaning

Clean the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents. Keep the threads and O-rings clean and lubricated with silicone grease to ensure smooth operation and water resistance.

6.2 Water Resistance

The Sofirn SC18 is rated IP68 waterproof, meaning it is protected against dust ingress and can withstand immersion in water up to 2 meters for 30 minutes. Ensure the USB-C port cover is fully sealed before exposing the flashlight to water.

IP68

waterproof

+

1M

drop-resistant design



Image: The Sofirn SC18 flashlight shown in two scenarios: one being splashed with water and another on wet rocks, highlighting its IP68 waterproof and drop-resistant design.

6.3 Battery Care

To prolong battery life, charge the battery regularly and avoid fully discharging it. If the flashlight will not be used for an extended period, remove the battery or activate the lockout function to prevent parasitic drain.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is dead or incorrectly inserted. Flashlight is in lockout mode.	Charge the battery or reinsert it with the correct polarity. Deactivate lockout mode (quadruple-click).
Light flickers or turns off unexpectedly.	Low battery. Loose tail cap or head. Dirty contacts.	Recharge the battery. Tighten the tail cap and head. Clean battery contacts and threads.

Problem	Possible Cause	Solution
Cannot charge the flashlight.	USB-C cable or power source issue. Charging port obstruction.	Try a different USB-C cable or power adapter. Check the charging port for debris.

8. SPECIFICATIONS

Feature	Detail
Model	SC18
Light Source	LED
Max Output	1800 Lumens
Max Beam Distance	217 meters (712 feet)
Power Source	1x 18650 Lithium-Ion Battery (included)
Charging	USB-C Rechargeable
Water Resistance	IP68 (up to 2 meters submersible)
Drop Resistance	1 meter
Material	Aluminum Alloy
Dimensions (L x D)	Approx. 10.14 cm x 2.46 cm (3.99" x 0.97")
Weight	Approx. 55g (1.94oz) without battery

Small & Lightweight

Weight: 1.94oz



Only 1.94oz(Without battery), lighter than a pen, easy to carry around.

Image: The Sofirn SC18 flashlight displayed next to a smartphone, illustrating its compact size and dimensions (3.99 inches long, 0.97 inches diameter).

Brightness and Runtime Table

Mode	Output (Lumens)	Runtime	Beam Distance
Moonlight	3lm	230h	11m
Low	100lm	23h	51m
Medium	350lm	6.3h	97m
High	800lm	2.6h	150m
Turbo	1800lm	2.3h	217m
Strobe	1800lm	5h	-

Note: Runtimes are approximate and may vary based on environmental conditions and battery age.

9. WARRANTY AND SUPPORT

The Sofirn SC18 Rechargeable Flashlight comes with a **1-year manufacturer's warranty** from the date of purchase, covering defects in materials and workmanship. This warranty does not cover damage caused by misuse, unauthorized modifications, or normal wear and tear.

For warranty claims, technical support, or any questions regarding your product, please contact Sofirn customer service through the retailer where you purchased the product or visit the official Sofirn website for contact information.

Online Resources:

- [Sofirn Official Store on Amazon](#)

10. PRODUCT VIDEOS

Sofirn SC18 Product Overview

Your browser does not support the video tag.

Video: An official product video from Sofirn showcasing the features and functionality of the SC18 flashlight, including its design, charging, and various light modes.