SPERAS

M1
Daily Use Bright Mini Flashlight

User manual

The SPERAS M1 is a mini, exquisite, side switch LED flashlight with CREE XPL2-W2 LED and max output of 1000lm when powered by 1*14500 power battery. This flashlight is very convenient to operate, it offers memory mode function and magnetic tail cap for free hand applications which is specially designed for outdoor sports, family camping, daily lighting etc. It is an ideal EDC flashlight with a competitive price.

Features

¤ Unique high efficiency circuit range to max 1000 lm, max running time up to 100h; stable circuit, no PWM flash.
¤ Strong battery compatibility, suitable for 14500 power/lithium battery and AA alkaline/NI-MH battery. We kindly suggest to use SPERAS rechargeable 14500 battery for convenience and pro-environment.
¤ Over-Discharge Protection function, to protect battery over-charge when low power.
¤ Reverse Polarity Protection.
¤ Simple mode selection, one step to the low mode. The memory mode function for you to choose the appreciate mode.
¤ Locking function of the switch, easy to prevent accidental operation.
¤ Mini, exquisite, easy to carry; Includes a magnetic tail cap for freehand operation.
¤ Smart temperature control system assure stable output.
¤ High-strength aerospace aluminum body, CNC precision machining, Premium Type III hard-anodized anti-abrasive finish for extreme durability.
¤ Battery Capacity Indication for easy monitoring.

Specifications

FL 1 STANDARD			HIGH	MEDIUM	LOW	STROBE	SOS
14500 BATTERY		OUTPUT	1000LM	70LM	1LM	1000LM	70LM
		RUNTIME	1.25h	5.5h	100h	–	–
		BEAM INTENSITY	3,520cd	256cd	3cd	–	–
		BEAM DISTANCE	119m	32m	3.46m	–	–
AA BATTERY		OUTPUT	280LM	70LM	1LM	280LM	70LM
		RUNTIME	1h	3.39h	64h	–	–
		BEAM INTENSITY	960cd	256cd	3cd	–	–
		BEAM DISTANCE	62m	32m	3.46m	–	–
		IMPACT DISTANCE	2m				
		WATERPROOF	IPX-8 (2 meter submersible)				

¤ LED: CREE XPL2-W2 LED, up to 50,000 hours life time.
¤ Operate voltage: DC 1V-4.2V
¤ Reflector: Orange reflector
¤ Lens: Hardened Ultra-Clear Glass with abrasion resistant AR Coating
¤ Compatible Battery: 14500 battery or AA battery
¤ Material: Aerospace Aluminum alloy
¤ Housing: Premium Type III hard-anodized anti-abrasive finish of black
¤ Switch: side switch
¤ Dimension (LxD):91x19mm
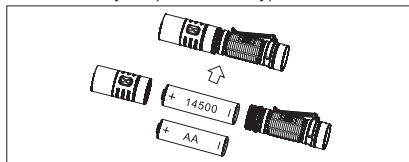¤ Weight:36.6g / 1.29Ounces(Net weight)

Notice: The above data has been measured in accordance with international flashlight testing standards ANSI/NEMA FL1 using one SPERAS 14500 power 700mAh power battery or 1 pce AA battery under laboratory conditions. The data may vary slightly during actual use due to battery type, individual usage habits and environmental factors.

Inside the Box

M1 flashlight with standard accessories, include 1* 14500 Power rechargeable battery, 1*lanyard, 2*Oring, 1*Needle, 1* clip.

Operation Instruction

Please correctly install the battery(1pce 14500 Lithium battery or 1pce AA battery) as illustrated.

When on the Unlock State

¤ **To the high/ Medium mode**: Click, turn on the flashlights (Please kindly note, the mode will remain the last mode when the flashlights turn off because of the memory mode function); Click again, change the mode; Long press, turn off the flashlight.
¤ **To the Low mode**: Long press, turn to the low mode; click again, turn off the flashlight.
¤ **To the Strobe/SOS mode**: Double click, enter the strobe mode; double again, enter the SOS mode; click again, enter the former state (Please kindly note, if the former state is turn off state, click after Strobe/SOS, it will enter turn off state; If the former state is turn on state, click after Strobe/SOS, it will enter the mode before Strobe/SOS.)
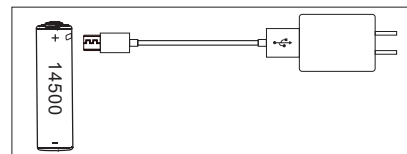
Lock & unlock function

¤ When in the unlock state, long press 3 seconds, the flashlight will flicker to indicate entering into the lock state.
¤ When in the lock state, quickly click for 3 times, the flashlight will flicker to indicate entering to show you that it is on the unlock state.

Battery Indication function

¤ How to use the battery indication function?
 1)Long press 3 seconds for lock
 2)When on the turn off state, quickly click for 3 times
 3)When on the lock state, quickly click 3 times for unlock
¤ Battery capacity is shown by a flickering pattern:
 1.)MAH≤30%, the light will flick once.
 2.)30%＜MAH≤70%, the light will flick twice.
 3.)MAH＞70%, the light will flick 3 times.

Charging

Please take off the SPERAS rechargeable 14500 lithium battery from the flashlight, insert the USB and connect your adapter as illustrated below. (Please use the correct way to charge the NI-MH AA battery)

Usage and Maintenance

¤ The temperature on the surface of the flashlight may increase during use, especially during the periods of continuous higher lumen output. The maximum safe operating temperature on the surface is under 55℃/131℉.
¤ Please fully charge battery before initial use. Included battery is charged to less than 50% for safety shipping. If use this battery directly, the flashlight may not power in standard data.
¤ To maintain waterproof rating, please lubricate the O-ring with silicone safe lubricant and replace broken O-rings as needed.
¤ Do not shine light directly into eyes.
¤ For long term storage, please remove the battery and store in a cool and dry location.

Warranty

¤ The product is provided 5 years warranty. Any non-artificial damage, please contact SPERAS after-sale department.
¤ The warranty does not cover normal wear and tear, modifications, misuse, disintegrations, negligence, accidents, improper maintenance, or repair by anyone other than an authorized retailer or SPERAS Itself.

CE RoHS