

# User Manual

## 1.5V Li-ion Rechargeable Battery

**Soshine**

AAA/AA/C/D

Constant voltage 1.5V output

Save these instructions, follow the instructions to reduce the risk of fire or electric shock

### Features

- 1.5V Li-ion rechargeable battery
- With USB 5V USB-C Charging cable
- Led indicator
- Constant voltage 1.5V output
- Charge auto cut-off
- Short circuit protection
- Over voltage cut-off protection

### LED indication

- LED indicator
- Charging-----Flash green
- Full-----Green

### Specifications:

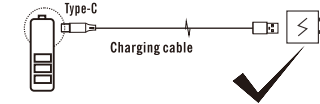
- Input: 5V 1000mA(USB-C)
- Output: 1.5V 1000mA(max)

### Charging time table

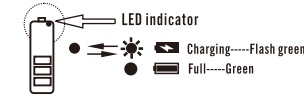
Type	Charge method	Model	Capacity(mWh)	Charging time(H)
Li-ion 1.5V	CC/CV	AAA	600	1.2
			800	1.4
		AA	2600	2.4
			3500	3
		C	3000	2.9
		D	6000	4.8

Charge time will vary depending upon capacity and condition of batteries being charged

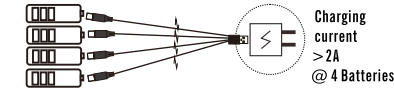
### How to use



Connect the Type-C USB cable to the battery and a suitable USB power source (such as a mobile phone adapter, laptop, power bank, car charger).



Charging indicator: Green flashing: charging, solid green: fully charged



Several batteries can be charged at the same time, and the charge cable can be unplugged when fully charged.

### For your safe



The battery is forbidden to be charged with any charger, just with a USB-C charging cable with adaptor.

### Important safety instructions

- Do not overcharge and over-discharge the battery.
- Do not use under extreme conditions, such as extreme temperatures, deep cycling, extreme overcharge, and over discharge.
- Do not reverse discharge the battery, as this will cause leakage, fire, and explosion.
- Do not mix new batteries with half-used batteries when using, as this may result in over-discharge.
- It is not allowed to put batteries in water.
- Charge the battery out of reach of children.
- Do not short-circuit the battery, as this will permanently damage the battery.
- Do not disassemble or ignite the battery, as this may cause an explosion.
- Do not use non-USB standard devices for charging, as this may cause overheating, leakage, or damage.
- Please stop charging and remove the USB charging cable when the battery is fully charged, charging the battery for a long time may cause danger.
- Charging with the charging cable

### Note:

- Before use, please check whether the appearance of the battery is damaged, such as dents, bulges, or leakage, please stop using it.
- A new battery can only achieve optimal performance after 3-5 cycles of charge and discharge.
- If the battery is not used for a long time, please remove the battery from the device to prevent the battery from over-discharging.
- The battery is idle for a long time, and the battery is charged and discharged at least once every six months.
- Battery discharge is completed, recharge the battery in time.
- This battery is charged with a 5V USB Type-C charging cable, it is forbidden to use any charger to charge. Using a charger to charge, the battery has the potential to explode.
- When charging 4 batteries, make sure to charge at a current of 5V2A or more. When the current is less than 2A charging, 1-2 batteries may stop charging.

### Troubleshooting

Problem	Cause	Solution
Battery use time is shortened	The capacity of a rechargeable battery is smaller than that of an alkaline battery Battery performance is reduced	Replace a new battery
Charging indication does not display	The charging cable is damaged and cannot be connected. Bad power plug. Bad battery	Replace a new charging cable Clear the dirt on the power plug, try to charge the socket. Replace a new battery
Battery fever when charging	Energy exchange fever when charging is generated	If it is about 55 degrees
Charge completion time is far beyond the expected time, charging slow progress	Charging at high temperatures Battery at high temperatures	Prevent the battery from being too hot and temporarily stop charging
The charge indication is displayed in advance	Depending on the status of the battery's use.	

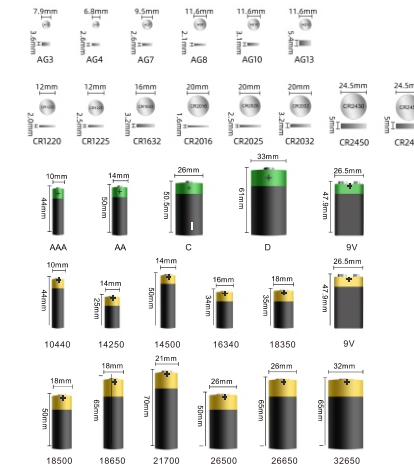
### Period of Warranty

The period of warranty is half a year from the date of shipment. Soshine guarantees to give a replacement in case of cells with defects proven due to manufacturing process instead of the customers' abuse and misuse.

### The Chemical Reaction

Because batteries utilize a chemical reaction, battery performance will deteriorate over time even if stored for a long period of time without being used. In addition, if the various usage conditions such as charge, discharge, ambient temperature, etc. are not maintained within the specified ranges the life expectancy of the battery may be shortened or the device in which the battery is used may be damaged by electrolyte leakage. If the batteries cannot maintain a charge for long periods of time, even when they are charged correctly, this may indicate it is time to change the battery.

### Common battery models and sizes



Rechargeable

Soshine International  
www.soshine.com.cn

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