

**Universal charger for Li-ion 18650,17670, RCR123 Rechargeable Batteries**

No.	Items	Unit	Specification	Notes
<b>Input Characteristics</b>				
1	Rated Input	Vac	110~240 VAC 50-60Hz	
	Max. Input Power	W	240	
<b>Output Characteristics</b>				
2	Rated Output Voltage	Vdc	5.5V	
	Rated Output Current	mA	200-350mA	
	Battery Capacity Extend. Number of Cells		3.7V Li-ion ( 18650, 17670, RCR123A )	3.7V rechargeable
	Over Voltage Protection		Yes	4.2 V
	Power Indication LED Indications		Power on or Charging complete: LED=Green Charging: LED=Orange	
<b>Charging Supervision and Protection Mechanism</b>				
3	Smart protection		Power-off: Built in IC cut-off power automatically when battery reaches 4.2V.	
<b>Environment</b>				
4	Operation Temperature	□	0-40	
	Operation Humidity	%RH	<80%	
	Storage Temperature	□	-20~40	
	Storage Humidity	%RH	20~60	
<b>Mechanical</b>				
6	Dimensions		3 13/16" x 2 3/8" x 1 5/16" (97.03 x 60.33 x 3.34mm)-charger 3" x 2 1/8" x 1" (76.2 x 5.4 x 25.4mm) - adaptor	
	Weight	□	1.9 oz (54 g) - charger □ 2.0 oz (56.7 g) - adaptor	
	Main parts		See Following	
 <p style="text-align: center;"><b>Charger</b>                      <b>Adaptor</b></p>				

### Charge Instruction

- Make sure your AC supply source is 100-240V and Use the right batteries (battery); Only for 18650, 17670, 16340(RCR123A) 3.7V rechargeable Li-Ion batteries. Never use it to charge the other batteries.
- Connect the AC-DC adaptor to the AC outlet.
- Connect DC output to charger. LED on the charger flash red/green. It means the charger is proper.
- Check the battery polarity before put the battery into the charger;
- The LED on the charger turns red; the battery is in charging.
- When LED2 turns Green, the batteries are fully charged.
- Unplug the adaptor or charge the next battery.

### Notice

- Use the right batteries (battery), Only for 18650, 17670, 16340(RCR123A) 3.7V rechargeable Li-Ion batteries. Never use it to charge the other batteries.
- Use special caution when working with li-ion cells, they are very sensitive to charging characteristics and may explode if mishandled. It is very important to refer to the picture to put the cell into the charger.
- Do not forget to check the polarity before you put the batteries into the charger.
- Never leave batteries unattended when charging.
- Do not put batteries on wood surface, carpet or other inflammables.
- Charger shall be unplugged from the power socket if it is not use from extended period of time.
- Do not make any change to the charger, charger accessories or connectors as this may cause polarity reverse, electrical shorted, fire or over-heating during charging.
- It is normal if the charger get slightly hot while using. But you still try to avoid over heating when charging.
- Refer to authorized agent for any maintenance service.



The cell in the charger