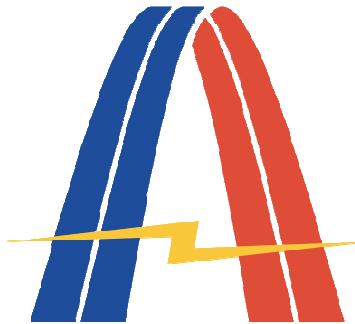


# Specification & Instruction of Smart Charger CH-LF323

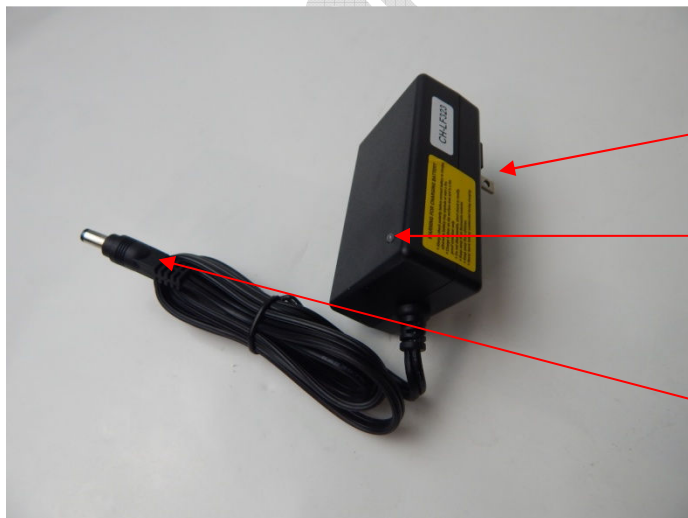


AA



## Specification:

Feature	<ul style="list-style-type: none"> <li>Designed for 3.2V LiFePO<sub>4</sub> rechargeable battery with capacity <math>\geq</math> 3Ah</li> <li>Input Power: 100V - 240V AC, 50/60Hz</li> <li>Output Power: 3.65V DC, 3A Max</li> </ul>
Function	<ul style="list-style-type: none"> <li>CC-CV Charging mode</li> <li>Automatic voltage detection with LED indicator (red/green) during charging process            Power On: Green            Charging: Red            Fully charged: Green</li> <li>Automatic cut-off charging function by IC</li> </ul>
Safety Protection	<ul style="list-style-type: none"> <li>The protection is built in the circuit of the charger to prevent over current, over voltage, reverse polarity, and short circuit            Note: When the charger is in short condition, the LED indicator will flash Red</li> </ul>
Dimension	L 3.8" X W 1.8" X H 1.1"
Weight	5.0 Oz (142g)



Power Cord  
 100V - 240V AC (USA), 50/60Hz

LED Indicator

Output 5.5 x 2.1 mm barrel male



## Instruction:

Please carefully read the following instruction before you start to use this charger.

## Caution:

- This charger is only for Indoor use
- The charger shall be placed on a fixed horizontal surface when the charger is operated
- Avoid storing or operating the charger in highly humid place or any place with inflammable good
- Do not cover the charger when the charger is operated  
The ambient temperature shall not excess 40 °C
- Do not charge the battery on the list below  
Voltage < 3.2V, or Voltage > 3.2V  
Capacity < 3Ah
- Battery must be made by high drain current cell
- Completely plug the power cord into AC power resource  
Do not expose any metal part of the power cord during operation  
Do not use your hand or any of your body to touch the metal part of the power when you connect the power to the charger
- Do not disassembly the charger any time
- AA Portable Power is not responsible for any damage caused by any misuse

## Operation Steps:

1. Plug the AC power cord into the AC power resource
2. Connect the transfer cable (5.1 x 2.1mm barrel female) to the output of the charger (5.5 x 2.1 mm barrel male)
3. Connect the battery to the transfer cable (alligator clips) with correct polarity (Red cable connects to positive, Black cable connects to negative)
4. When the power is on without connecting battery, the LED indicator will be Green. When it is in charging process, the LED indicator turns Red. When the battery is fully charged, the LED indicator will be Green  
Note: When the charger is in short condition, the LED indicator will flash Red
5. The charging time is variable depends on the battery