

# Specification & Instruction of Smart Charger CH-L5183



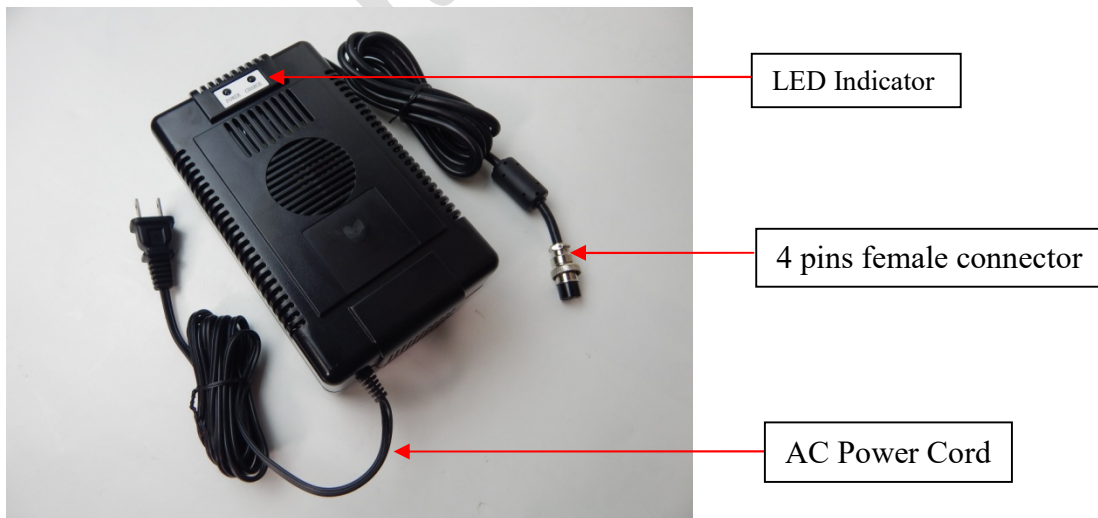
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**AA Portable Power Corp**



## Specification:

Feature	<ul style="list-style-type: none"><li>Designed for 51.8V lithium rechargeable battery with capacity <math>\geq 3.0\text{Ah}</math></li><li>Input Power: 100V - 240V AC (USA)</li><li>Max. Output Voltage: 59.5V DC, 3.0A (4 pins female connector)</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</li></ul> Power On: Power LED Green (without connecting battery) Charging: Charge LED Red Fully charged: Charge LED Green
Safety Protection	<ul style="list-style-type: none"><li>The protection is built in the circuit of the charger to prevent over-voltage, short circuit, and reverse polarity</li></ul>
Dimension	L 7.5" X W 4.2" X H 2.9"
Weight	1lb12.8oz (820g)





## 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 < 51.8V, or Voltage > 51.8V  
Capacity < 3.0Ah
- 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 misusage

## Operation Steps:

1. Connect the battery to the output of charger (4 pins female connector) with correct polarity (Red cable connects to positive, Black cable connects to negative)
2. Plug the power cord into the AC power resource
3. When it is in charging process, the charge LED indicator turns Red. When the battery is fully charged, the charge LED indicator will be Green  
Note: When the power is on without connecting the battery, the charge LED indicator will be Green and power LED will also be Green
4. The charging time is variable depends on the battery