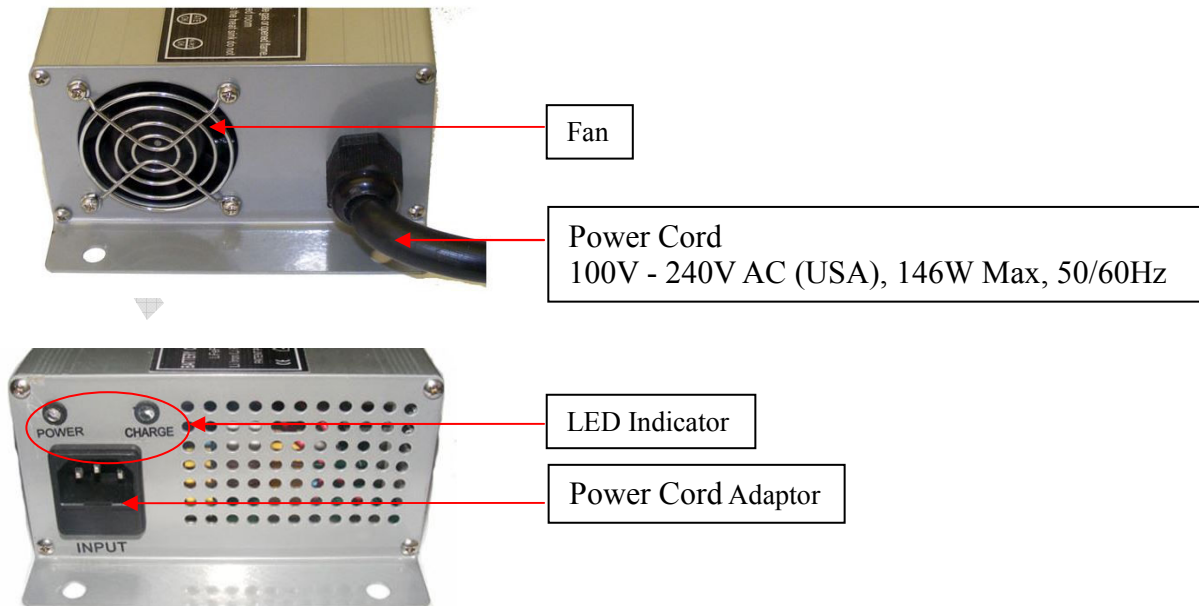


# Specification & Instruction of Smart Charger CH-LFS1A40



## Specification:

Feature	<ul style="list-style-type: none"> <li>Designed for 3.2V LiFePO<sub>4</sub> rechargeable battery with capacity <math>\geq</math> 40Ah</li> <li>Input Power: 90V - 120V AC, 146 W Max, 50/60Hz</li> <li>Output Power: 3.65V DC, 40A 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: Power LED Green            Charging: Charge LED Red            Fully charged: Charge LED 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</li> </ul>
Dimension	L 10.4" X W 5.4" X H 2.9"
Weight	6lb 3.8Oz (2830g)





## 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 < 40Ah
- 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 battery to the output of the charger (Anderson connector) with correct polarity (Red cable connects to positive, Black cable connects to negative)
3. When the power is on without connecting battery, the Power LED indicator will be Green. 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
4. The charging time is variable depends on the battery