

Specification & Instruction of Smart Charger CH-LF76V3

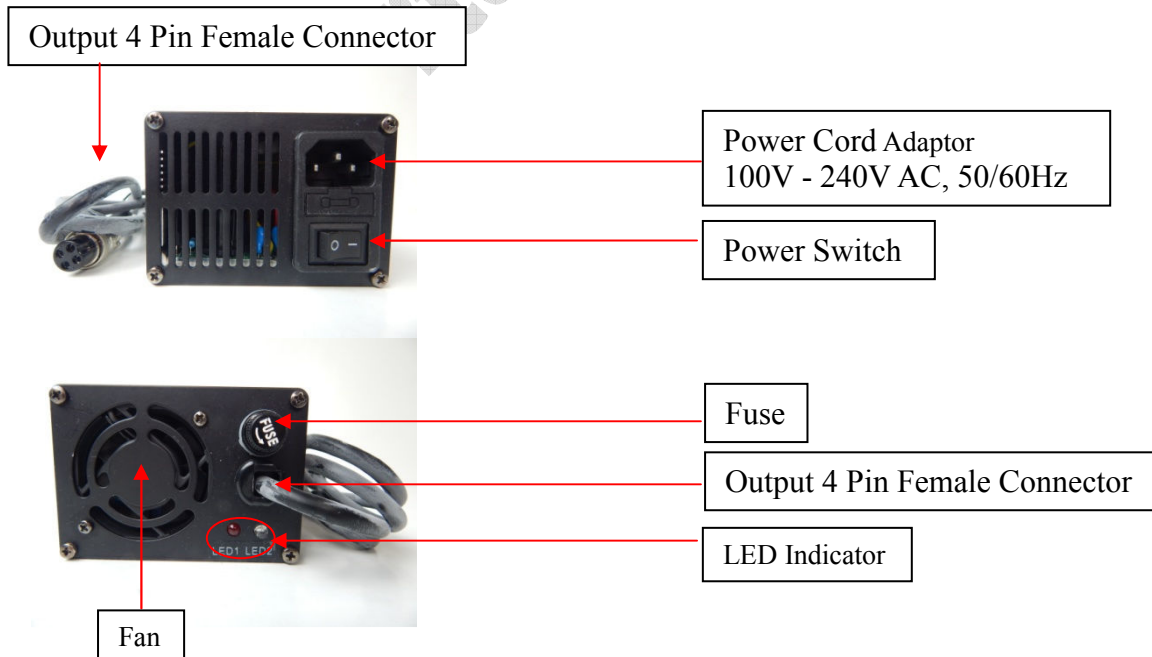


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AA Portable Power Corp

Specification:

Feature	<ul style="list-style-type: none"> Designed for 76.8V LiFePO₄ rechargeable battery with capacity $\geq 5.0\text{Ah}$ Input Power: 100V - 240V AC, 50/60Hz Output Power: 87.6V DC, 5.0A Max, 360W Max
Function	<ul style="list-style-type: none"> CC-CV Charging mode Automatic voltage detection with LED indicator (red/green) during charging process Power On: Power LED1 Red Charging: Charge LED2 Red Fully charged: Charge LED2 Green Automatic cut-off charging function by IC
Safety Protection	<ul style="list-style-type: none"> The protection is built in the circuit of the charger to prevent over current, over voltage, reverse polarity, and short circuit Note: Reverse polarity may burn the fuse Note: Please connect AC power resource before connect to the battery otherwise it will not charge the battery
Dimension	L 7.0" X W 3.6" X H 2.6"
Weight	3lb 3.2Oz (1450g)



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 < 76.8V, or Voltage > 76.8V
Capacity < 5.0Ah
- 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 misuseage

Operation Steps:

1. Insert the power cord into power cord adaptor on the charger
2. Plug the AC power cord into the AC power resource
3. Connect transfer cable (4 pin male connector) to the output of the charger (4 pin female connector)
Note: Please connect AC power resource before connect to the battery otherwise it will not charge the battery
4. Turn on the power switch
5. Connect the battery to the output of the charger (alligator clips) with correct polarity (Red cable connects to positive, Black cable connects to negative)
Note: Reverse polarity may burn the fuse
6. When the power is on without connecting battery, the Power LED1 will be Red. When it is in charging process, the Charge LED2 turns Red.
When the battery is fully charged, the Charge LED2 will be Green
7. The charging time is variable depends on the battery