

Specification & Instruction of Smart Charger CH-UN4820B

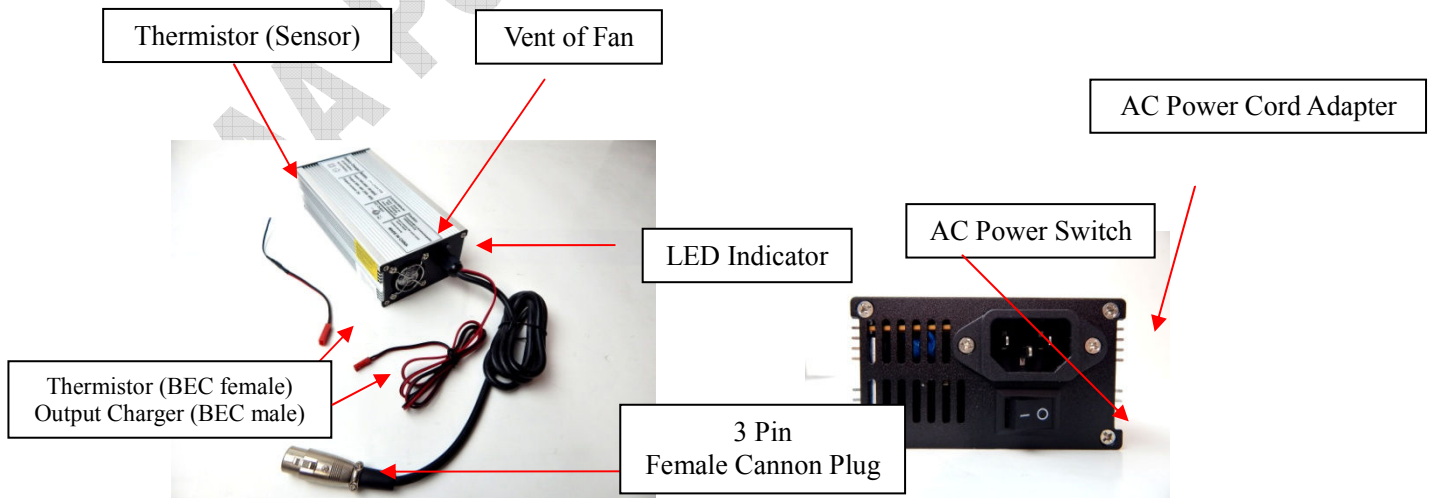


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AA Portable Power Corp

Specification:

<p>Feature</p>	<ul style="list-style-type: none"> Designed for 36V - 48 V NiMH / NiCd battery pack with capacity more than 2000mAh Input Power: 100V - 240V AC (universal AC male adapter) Output Current: 2A (3 pin female cannon plug) <ul style="list-style-type: none"> Pin1 = Positive; Pin2 = Negative; Pin = Not use
<p>Function</p>	<ul style="list-style-type: none"> Automatic voltage detection with LED indicator (red/green) during charging process Activating: Alternatively blinking red and green twice Charging: Red Fully charged: Green Automatic cut-off charging function by IC Stop charging when $-\Delta V$ is detected by IC
<p>Safety Protection</p>	<ul style="list-style-type: none"> The protection is built in the charger for short circuit, and reverse polarity Thermistor is built to prevent overheat of battery (Max battery temp 70°C) A fan is built in the charger to prevent over heat of charger
<p>Dimension</p>	<p>L 7.1" X W 3.5" X H 1.9"</p>
<p>Weight</p>	<p>27oz (764g)</p>



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 < 36V, or Voltage > 48V
Capacity < 2000mAh
- Battery must be made by high drain current cell
- Do not disassembly the charger any time
- AA Portable Power is not responsible for any damage caused by any misusage

Operation Steps:

1. Connect transfer cable (3 pin male cannon plug – alligator clips) to the output of the charger (3 pin female cannon plug)
2. Connect thermistor (male BEC) to the thermistor adapter (female BEC) on the transfer cable
3. Insert the power cord into the power cord adapter on the charger
4. Plug the power cord into the AC power resource
5. Connect the battery to the output of charger with correct polarity (Red cable connects to positive, Black cable connects to negative)
6. Attach the sensor of thermistor on the surface of the battery
7. Turn on the AC power switch
8. At the beginning of the charging process, the LED indicator will alternatively blink Red and Green twice. When it is in charging process, the LED indicator turns Red. When the battery is fully charged, the LED indicator will be Green
9. The charging time is variable depends on the battery