

# Specification & Instruction of Smart Charger CH-L37V13

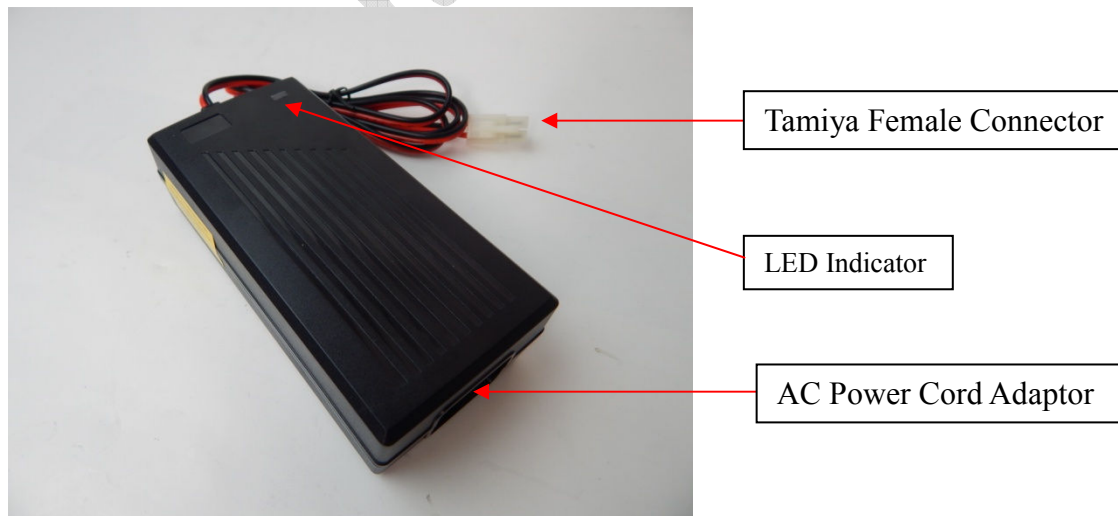


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**AA Portable Power Corp**

## Specification:

Feature	<ul style="list-style-type: none"> <li>Designed for 37V lithium rechargeable battery with capacity <math>\geq 1.3\text{Ah}</math></li> <li>Input Power: 100V - 240V AC (USA)</li> <li>Output Power: 42V DC, 1.3A (Tamiya 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> <li>Power On: Green (without connecting battery)</li> <li>Charging: Red</li> <li>Fully charged: Green</li> <li>Note: When it is short, the LED will be shut down</li> </ul>
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</li> </ul>
Dimension	L 5.2" X W 2.7" X H 1.8"
Weight	307g



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## 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 < 37V, or Voltage > 37V  
Capacity < 1.3Ah
- 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. Connect transfer cable (Tamiya male connector) to the output of charger  
(Tamiya Female connector)
2. Connect the battery to the transfer cable (alligator clips) with correct polarity  
(Red cable connects to positive, Black cable connects to negative)
3. Insert power cord into power cord adaptor
4. Plug the power cord into the AC power resource
5. 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 power is on without connecting the battery, the LED indicator will be Green  
Note: When it is short, the LED will be shut down
6. The charging time is variable depends on the battery