AA Portable Power Corp.
www.batteryspace.com, Email: Sales@batteryspace.com
825 S 19th Street, Richmond, CA 94804
Tel: 510-525-2328 Fax: 510-439-2808

Specification & Instruction of Smart Charger CH-UN180

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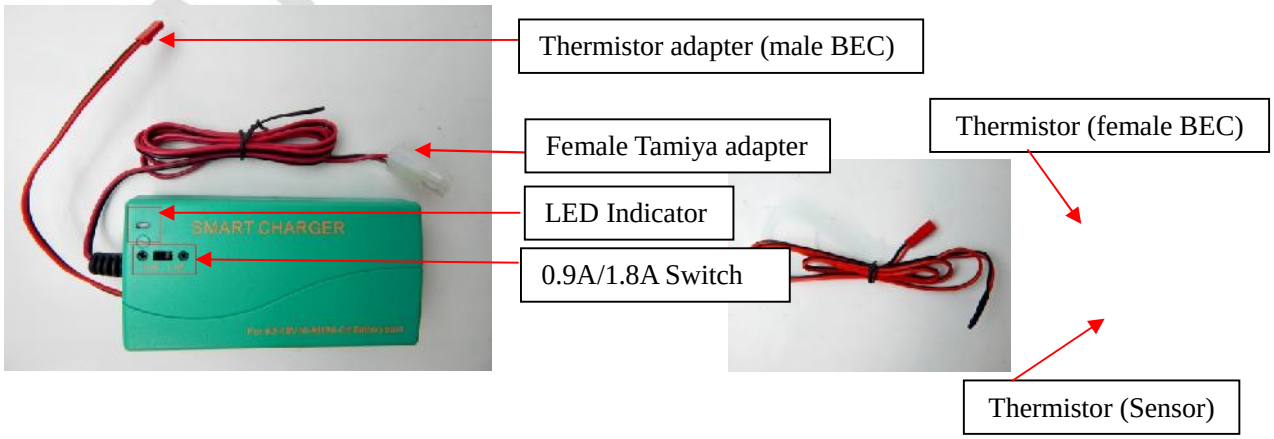
Specification:

Feature	• Designed for 9.6V - 18V NiNH/NiCd battery pack with capacity more than 900mAh • Input Power: 120V - 240V AC worldwide power support • Output Current : 0.9A or 1.8A (Female Tamiya adapter)
Function	• Automatic voltage detection with LED indicator (red/green) during charging process Activating: Alternatively blinking red and green twice Charging: Red Fully charged: Blinking Green • Automatic cut-off charging function by IC • Two adjustable current level (0.9A/1.8A) *0.9A for the battery which has capacity between 900mAh and 2800mAh* *1.8A for the battery which has capacity more than 2800mAh*
Safety Protection	• Protection is installed in the circuit of the charger to prevent over current, short circuit, and reverse polarity • Thermistor adapter (BEC male adapter) is built to prevent overheat of battery (Max. battery temp 70˚C)
Dimension	L 5.5” X W 2.5” X H 1.5”
Weight	14oz (397g)



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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 < 9.6V, or Voltage > 18V
  Capacity < 900mAh
- 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 thermistor (female BEC) to the thermistor adapter (male BEC) on the output of charger
2. Connect the battery to the output of charger with correct polarity
   (Red cable connects to positive, Black cable connects to negative)
3. Select proper constant current mode (see specification) by switch
4. Attach the sensor of thermistor on the surface of the battery
5. Connect the power cord to the charger
6. Plug the power cord into the AC power resource
7. 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 blink Green
8. The charging time is variable depends on the battery