

**BPNC112900** (2.5mm output) **(A)** (2.1mm output) **(-BP)** (AC / DC Input)

## Intelligent All 1 to 12 Cells NiMH/NiCd Charger

- For using in car, outdoors, indoors, and anywhere
- A MCU-controlled intelligent charger with complete safety mechanisms
- For all 1-12 cells battery in serial and packs just in one unit



- **The Intelligent charger can charge all 1 to 12 cells NiMH/NiCd battery in serial and packs just in one unit.**
  - All operations are automatically
  - A MCU-controlled smart charger.
  - For **NiMH / NiCd** battery packs.
  - For battery of any capacity and size.
  - Complete charging termination mechanisms and proprietary methods applied.
  - Charger with thermal sensor and 3-wire output is option.
  - Very compact and lightweight
  - Self-diagnosis when powered on.
  - Cell number and voltage detection automatically.
  - Over-discharged battery rescue
- Battery voltage real time detection
- SMT manufacturing ensures quality.

### Referenced Specification :

- **Input :** DC12V, 100-240VAC (BP version)
- **Battery Chemistry :**  
NiMH/NiCd re-chargeable
- **Number Of Cells Can Be Charged :**  
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
- **Nominal Voltage Can Be Charged :**  
1.2V, 2.4V, 3.6V, 4.8V, 6V, 7.2V, 8.4V, 9.6V, 10.8V, 12V, 13.2V, 14.4V
- **Output :**
  - (1) 2.5mm DC Plug Standard, 2.1mm (A)
  - (2) 3 wires with thermal sensing (Option)
- **LED Status Indication :**  
2 LED ( Red, Green ), 7 statuses
- **Charging Termination Methods:**  
5 mechanisms + Proprietary methods  
Thermal sensing control (Option)
- **Output Current :** Max. 900mA
- **Charging Efficiency :** 85% - 99%
- **Physical Size :** 95 x 60 x 35 mm
- **Weight :** 112.2gm (charger only)
- **Packaging :** Clam Blisterpacked with:
  - Charger (Default)
  - Cable with auto adapter (35gm)
  - AC/DC power adapter12V, 1.5A (BP Only)
  - 3 Different Connections of DC Plug, Tamiya Plug and Alligator Clips