

## **Smart Universal Battery Pack Charger: 6V - 12V, Current Selection with Temperature Sensor**

### **Detailed Description:**

- It is a multi-current Universal Fast and Smart Charger for any NiMH battery packs from 6V-12V ( 5-10 cell pack).
- 100-240V AC input for worldwide use.
- Designed for use with 6V-12V Battery Packs. Please don't charge the battery pack under 6V or over 12V. Please don't charge battery packs with capacity<1000mAh or >5000mAh.
- Automatically detect battery pack's voltage;
- Green LED will flash slowly when no battery is plugged in. Red LED will be on during charging. Green LED will be on when battery is fully charged. Red LED will flash when the charger recognizes the battery as damaged or voltage is below 6V. LED will be off if a short circuit or polarity is reversed.
- Automatically cut-off by negative delta V detecting or when the battery's temperature is over 60°C; when battery pack gets fully charged, Green LED will be on.
- 4-hour safety timer, charger will stop charging after operates 4 hours.
- Two current levels, e.g. 1.0A and 2.0A are selectable by a switch.
- For battery pack between 1000mAh and 2000mAh, please use the low current level switch -- charging rate: 1.0A
- For battery pack between 2000mAh and 5000mAh, please use the high current level switch -- charging rate: 2.0A
- Fast charging time from approx. 70 mins to 210 mins depending on the capacity of the battery. For 5000-mAh battery pack, charging time is about 210 mins (2.0A charging current) and for 2000mAh battery pack, charging time is 150 mins (1.0A charging current).
- One standard Tamiya male connector installed with the charger. Ideal for charging all 6V to 12V RC car, Airsoft gun battery packs.
- One set of Clip adapter with female Tamiya connector included for charging any type of battery packs.
- One connector adapter from standard male Tamiya to mini female Tamiya for charging Airsoft gun battery packs.
- It is a smart charger. Just plug in the battery and wait for it being charged.
- Dimension: 1.5"H X 2.36"W X 4.67"L.
- Weight: 0.6LB.

### **Operation Instruction:**

- Connect battery pack to output connector and plug AC power source
- Make sure battery polarity is connected correctly (Red wire is positive)
- Put the temperature sensor onto the middle surface of the battery pack with rubberized fabric. (refer to the following temperature sensor usage demonstration)
- When the charger connects to the AC source, the red LED flash for one time and green LED flash.
- After it connect the correct battery pack, the red LED will be on, shows that it is charging.

### **Cautions:**

1. Please don't use the charger for low capacity battery pack (<1000mAh).
2. Please don't use the charger for high capacity battery pack (>5000mAh).
3. Highly recommend using high drain rate battery pack. We are not responsible for any damage caused by charging other brand battery using this charger.
4. If using the charger for Airsoft gun mini battery packs, then the enclosed reverse Airsoft gun adapter needs to be used for the correct charging polarity.
5. Pay attention to battery surface temperature. Stop charging when it is over 60°C or it feels very hot.
6. Please always use a temperature sensor during charging.
7. Keep an eye on the battery pack when charge current switch to 2.0A. Do not charge for a long time with such large charge current.