



Smart Universal Battery Pack Charger: 7.2V – 12V Current Selection with Temperature Sensor (Item No. 01005)

Detailed Description

- It is a multi-current Universal Fast and Smart Charger for any NiMH/NiCd battery packs from 7.2V-12V (6-10 cell pack).
- 100-240V AC input for worldwide use.
- Designed for use with 7.2V-12V Battery Packs. Please don't charge battery pack under 7.2V or over 12V. Please don't charge battery pack with capacity <900mAh 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 7.2V. LED will be off if short circuit or polarity is reversed.
- Automatically cut-off by negative delta V detecting when the battery is fully charged, or when battery's temperature is over 60°C
- 5-hour safety timer, charger will stop charging after operates 5 hours.
- Two charging current settings (0.9A and 1.8A), selectable by a switch.
- For battery pack capacities between 900mAh and 1800mAh, please use the low current level switch (charging rate: 0.9A).
- For battery pack capacities between 1800mAh and 5000mAh, you can choose the high current level switch (charging rate: 1.8A)
- Fast charging time from approx. 70 mins to 210 mins depending on the capacity of battery. For a 5000mAh battery pack, charging time is about 210 mins (1.8A charging current) and for a 1800mAh battery pack, charging time is 150 mins (0.9A charging current).
- One standard Tamiya male connector is installed with the charger. It is ideal for charging all 7.2V to 12V NiMH/NiCd battery packs for RC cars and airsoft guns.
- One set of Alligator Clips adapter with female Tamiya connector is 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 battery and wait for it being charged.
- Dimension: 1.5"H X 2.36"W X 4.67T.
- Weight: 0.6LB.

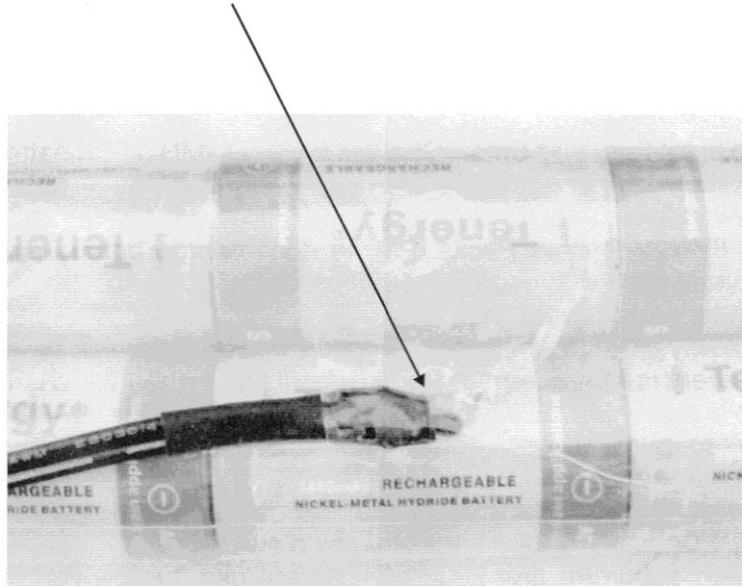
Operation Instruction:

1. Connect battery pack to output connector and plug AC power source
2. Make sure battery polarity is connected correctly (Red wire = positive)
3. Attach the temperature sensor onto the middle surface of battery pack with regular adhesive tape (Please refer to the temperature sensor usage demonstration on the next page)
4. When the charger is connected to the power outlet, the red and green LEDs will each flash once.
5. After the charger is connected to a compatible battery pack, the red LED will be on, showing that it is charging.
6. Once the battery pack has been fully charged, the green LED will be on.

Cautions:

1. Please don't use the charger for low capacity battery pack (<900mAh).
2. Please don't use the charger for high capacity battery pack (>5000mAh).
3. Highly recommend using Tenergy brand 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 becomes too hot to touch.
6. Please always use the temperature sensor during charging.
7. Keep an eye on the battery pack when charge current switch to 1.8A. Do not charge for a long time with such large charge current.

Temperature sensor usage demonstration



Step 1: Put the temperature sensor onto the middle surface of battery pack.

Step 2: Use regular adhesive tape to attach the temperature sensor tightly to the battery pack.

Notes: Make sure the temperature sensor keeps close contact with the battery pack surface when charging so as to sense the temperature change of battery pack.

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