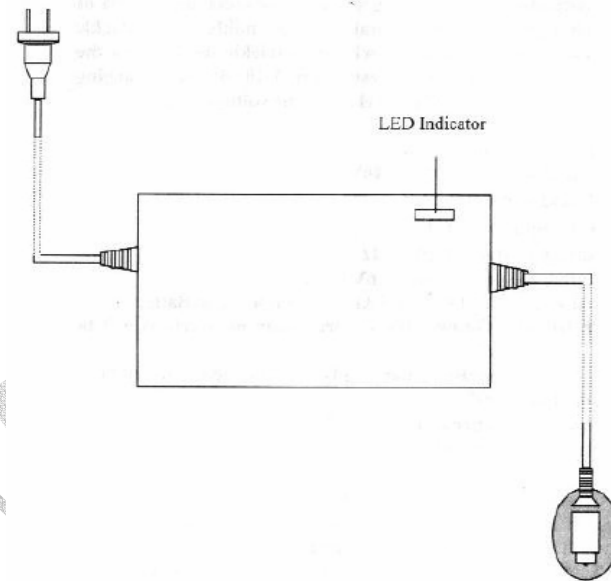


# CH-L1108 Smart Charger (0.8A) for 11.1 Li-ion/Polymer Rechargeable Battery Pack User Manual

## Warning

1. Please read the following instruction carefully before use.
2. Improper using the charger will cause the damage of batteries or possible explosions.

Fig.1: Configuration





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- 1) Product description:  
CH-L1108 is a CE/UL listed smart battery charger designed to charge 3.7V Li-Ion/Polymer battery with capacity  $\geq 800\text{mAh}$ . It uses delta-V technology to monitor and control the charging process.
- 2) Features:
- Worldwide input AC power from 100-240VAC, 50-60Hz, USA AC plug.
  - Over Voltage Protection: The output current is limited when an overload (12.6V/0.8A) is detected.
  - Output Reverse Protection: The charger will be cut off when the battery polarity is wrongly placed.
  - LED indicator tells if the battery is charging (Red) or fully charged (Green).
  - Trickle charging: it switches to maintenance mode when the battery is fully charged.
- 3) Operations:  
See Fig.1. LED will be green when connecting AC power plug only, LED will be red when a battery is connected to the DC plug and charging. LED will switch to green automatically when the charging is finished ( it takes 2.6-8 hours to finish charging a battery, depends on the battery capacity). Disconnect AC plug and DC plug to stop charging.
- 4) Technical Specification:  
Rated AC Input: 100-240 VAC 50-60 Hz  
Maximum input power: 12W  
Rating Output power: 12.6V, 0.8 A  
Efficiency, >70%
- 5) Notice:
- Use with proper type Li-Ion/polymer battery pack only. Please make sure the battery voltage matches what labels on the charger (11.1V). The battery will be damaged or it will not charge if they do not match.
  - Never charge other types of batteries besides Li-Ion/Polymer.
  - Always place the charger in well-ventilated, dry environment.
  - Indoor used only, never expose the charger to water such as rain and splash.
  - Never place the charger near radiator, heat register or similar heat source when in charging.
  - Do not use this charger if any of the following happens:
    - If the power cord or plug is damaged or frayed
    - If liquid has been spilled into the charger
    - If the case of the charger is dropped and damaged
    - If the charger does not behave properly as stated in 3) Operations.
- Operation Temperature:  $-10^{\circ}\text{C}$ - $40^{\circ}\text{C}$   
Operation Humidity: < 90%  
Suit Battery: 11.1V 0.8-5Ah Li-ion/polymer battery