

Universal Li-ion Battery Charger User Manual

Please read the instructions carefully before use to avoid ill effect of the charger for improper use and may result in fire, electric shock or injury in serious situations

LED Indication

Conditions	LED Indication
Stand-by	LED off
In-charge	red LED corresponding to a cell slot on
Charging finished	green LED corresponding to a cell slot on
Battery or system failure	red LED corresponding to a cell slot flashes

Charging Instructions :

- 1) The unit can charge 1-2 AA/AAA nickel-cadmium/nickel hydride rechargeable batteries or 1-2 Li-ion batteries each time.
- 2) If you want to charge nickel-cadmium/nickel hydride rechargeable batteries or 1-2 Li-ion batteries, please put the batteries into cell slots and note the "+" and "-" marks in the slots.
- 3) After connecting the charger with power supply, LED will flashes for a while and then turn off.
- 4) There are two LEDs: red LED and green LED. The red LED lights when the battery is being charged. The green LED lights when charging is finished.
- 5) When charging is finished or when the unit is not used, please unplug the charger and take out the battery.

Attached Table:

Instruction of LED Indications

Conditions	LED Color
Full	Green
Charge	Red
Bad battery	Red LED flashes

Notes :

1. New rechargeable battery will not perform best until is used for 2-3 times. For rechargeable battery kept more than 1 week, it should be charged again before it is used because the electricity can lose automatically.
2. It is normal to find the battery a little hot during charging process. The battery temperature will recover after it is full.
3. For the purpose of best performance of charging, please use the Charger the unit in a ventilated indoor circumstance.
4. The charging time differs from the different capacity of battery.
5. If the charger is not used for a long time, please take out the battery.
6. Working temperature: 0°C-25°C;
Storage temperature: -20°C-60°C.

Safety Tips :

1. The battery charger should only be used on nickel-cadmium/nickel hydride rechargeable batteries/ Li-ion batteries.
2. Please don't charge other kind of battery (i.e. alkaline battery, carbon zinc rechargeable batteries and other unlisted battery), which will cause Battery leaks or explosions
3. Do not use power strip/extended socket or other accessory not approved by security institution in order to prevent fire, electric shock or injury.
4. Must cut off the mains before the charger is cleaned or after used.
5. Do not wet, burn or disassemble the charger and battery; Do not put the battery in a short circuit; Do not put any metal or articles into the charger.
6. The battery charger is only used in indoor circumstance so you should not use it in rainy, snowy or other vile weather.

Specifications

Input: 5V -2100mA (micro USB)

Output 1: 7.4VA(max)

2 x 3.7V - 1000Ma ±10% (Li-ion 14500/18500/18650/17670/17500/16650/22650)

Or 2 x 1.4V - 1000mA (NI-MH/NI-CD AA/AAA)

CAUTION: Charge only with above rechargeable batteries Other types may cause personal injury or damage.

Output 2: USB 5V -2100mA(max) ±10%

- 1) When USB is loading 5V / 1000mA -2100mA, there will be no charging current for Output 1.
- 2) When USB is loading 5V / 1000mA or below, charging current for output1 will be half.
- 3) When PC USB inputs, input current is 500mA or below and USB output current is 500mA or below.
- 4) When PC USB input, charging current for output 1 will be 250mA. When USB is loading , there will be no charging current for Output 1.