



I319 Instructions

Technical Specifications

Input: 5V –2100mA (micro USB) or MW6FU21

Output 1: 7.4VA(max)

2 x 3.7V – 1000Ma $\pm 10\%$ (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) $\pm 10\%$

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.

LED Indication

States	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

Notes:

1. New rechargeable battery will not operate best until it is used 2-3 times. For rechargeable battery kept more than 1 week, it should be charged again before using because the electricity can lose automatically.
2. It is normal to find the battery a little hot during charging process. The battery temperature will gradually be restored to normal room temperature as long as the battery is full.
3. For the purpose of best performance of charging, please use Charger I319 in a ventilated indoor circumstance.
4. The charging time differs from the different capacity of battery.
5. If the charger has not been 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. Charger I319 is only applied to 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 the battery leakage or burst, resulting in personal injury.
3. Do not use power strip/extended socket or other accessory not approved by security institution in order to avoid fire, electric shock or personal 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 make the battery short-circuit; Do not put any metal or articles into the charger.
6. Charger I319 is only used in indoor circumstance so you should not use it in rainy, snowy or other vile weather.

Special Note:

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

Instructions about charging:

- 1) I319 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 flash for a while and then turn off.
- 4) There are two LEDs for each cell slot--red LED and green LED. The red LED lights when the battery is being charged. Green LED lights when charging is finished.
- 5) When charging finished or I319 is not used, please disconnect the charger from the mains socket and take out the battery.

Attached Table:

LED Indications

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

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