



Digital Universal Quick Charger

1. Product features

- a) Can charge 1-4 pcs AA/AAA/C/D Ni-Mh / Ni-CD and 1-2pcs 9V rechargeable batteries. LCD shows total process of charging. With nice appearance.
- b) Microcomputer IC controls charging process: $-\Delta V$ intelligence technique fast cuts off charging, and changes into trickle current charging automatically. Make sure the battery is fully charged and won't over charge.
- c) Over current protection: constant current could avoid bad effect caused by rebounding current and make sure safety.
- d) Timer controls strictly the longest time of charging. Make sure safety as battery is fully charged (ratio of charging sufficiency of one battery $\geq 80\%$)
- e) Temperature protection: (open if $\geq 60^\circ\text{C}$) stop charging automatically if the temperature of charger or battery gets too high when charging.
- f) Can identify automatically: through microcomputer IC to distinguish non-rechargeable battery, short-circuit battery and deficient rechargeable battery, and then does not charge these batteries to make sure safety.
- g) Short circuit protect: can prevent from short circuit when positive pole connects negative one.

- h) Can refresh battery: if the voltage of battery is too low (0-0.9V), the charger can refresh battery itself.
- i) Discharge function, it can refresh the battery and reduce the memory effect.
- j) DC power input, convenient for using in room and car.

2. Electric parameter

- 1 Input 100-240V AC 50/60Hz 200mA, 12V DC 800mA
- 2 Output AA/AAA/C/D 1.2VDC*4 1000mA 6F22 9V DC 25mA
- 3. Discharge current: 300-500MA
- 4 Consume when unloading battery 1W MAX
- 5 Consume when all channels loading batteries 10W MAX
- 6 Charging sufficiency of battery $\geq 80\%$

3. Environment condition

- 1 Using environment: temperature: 0-35 humidity: ≤ 95
- 2 Storage environment: temperature: -25+60 humidity: ≤ 85
- 3 Self environment when working: Surface temperature of charger when charging: ≤ 60
Surface temperature of battery when charging: ≤ 60
- 4. Size: 108*65*28mm
Weight: 285g
Packing: color box.
The packing include the charger and cable & VDE plug, not include Car charger.