

VoltePower

FAST CHARGER

1. Charge Time

Battery Model	Capacity (MAH)	Charge Time			
		Quantity of Battery for Charge			
		1PC	2PCS	3PCS	4PCS
AA	2200mAh	60 minutes	120minutes	180minutes	240minutes
	2000mAh	55minutes	110minutes	165minutes	220minutes
	1800mAh	50minutes	100minutes	150minutes	200minutes
	1600mAh	45minutes	90minutes	135minutes	180minutes
AAA	700mAh	60minutes	120minutes	180minutes	240minutes
	600mAh	52minutes	104minutes	156minutes	208minutes

2. LED Display

LED Display	Status
red light	in charging
green light	completely charged(saturation)
red light flash	abnormity in notch(Defective batteries or one -off batteries)
red and green light flashing in turn	system auto-checking

3. Specification

Input Mode	Normal Charge Current(mA)		Precharge or supplement charge current(mA)	
	AA	AAA	AA	AAA
AC90-240V	2200mA	700mA	150mA	80mA
DC12-24V	1600mA	500mA	150mA	80mA

4. Characters:

- 1)AC90-240V, DC12-24V
- 2)Four compartments are absolutely individual and shunt-wound charging. It can be used to charge 1 to 4 pieces of AA or AAA Ni-MH battery.
- 3)Four groups of independently intelligent MCU charge control.
- 4)-DV.0DV.Vpeak. Vmax. Tmax, many ways to distinguish full charge.
- 5)Various safety protections for over-voltage, over-temperature, over-current and short circuit.
- 6)Auto-distinguish for defective rechargeable batteries and non-rechargeable battery.
- 7)Activation function for deeply discharged battery.
- 8)Four groups of red and green LED display.
- 9)System auto-check function.
- 10)Conform to national safety standard.

5. Charge Instruction :

1. Put the fast charger on a clear and ventilated desk, then insert a power cable into the AC input terminal of charger, and insert the other end of the cable into power socket (AC90-240V,50HZ/60HZ). When it used in a car, one end of the car power adapter should be inserted into the DC input terminal of fast charger with the other end connected with the cigarette ignition device of the car.
2. Put AA or AAA Ni-MH batteries into the charger correctly according to anode and cathode.
3. It has individual LED displays for the four charge notches. Red LED lighting indicates charging, while green LED lighting indicates saturation of charge.
- 4.Red Led will flash or stop charging when alkaline batteries, alkaline rechargeable batteries, carbon-zinc batteries, Lithium batteries or defective batteries are putted in the charger.
5. When the over temperature protection is working, all the notches will stop charging and Led will go out until the temperature recover normal.
- 6.If charge time exceeds 6 hours, the corresponding notch will stop charging .
7. After finishing charging or the charger is not used temporarily, please turn off the power and take the batteries out of the charger.
- 8.New rechargeable batteries could reach their best after being used for two to three times. Please recharge them before using when they have been placed for one week or more time.
9. It is normal if the battery is heating slightly during charging, and it can be used when its temperature recover normal after finishing charging.
10. Batteries of different capacities have different charge times.
11. The storing temperature of rechargeable batteries is between-20°C to 35°C,relative humidity is $\leq 85\%$ and the best working temperature of them is between 10°Cand 30°C .

6. Caution:

- 1.Fast charger is only suitable for Ni-MH rechargeable batteries.
2. Please don't put other kinds of batteries into the charger for charging, such as alkaline batteries, alkaline rechargeable batteries, Lithium battery and etc. Otherwise, it may lead to leaking liquid, explosion, and even injury.
3. In order to prevent from fire alert, electric shocking or hurt, please make sure not to use the power cables, adapters and other accessories that are not for fast chargers.
4. Please unplug it from power supply after using or before cleaning.
- 5.Do not make batteries short circuit to avoid fire or hurt.
- 6.Neither makes it damp or burnt, nor disassembles the charger and rechargeable batteries.
- 7.Do not use the charger in the circumstance of flammability and easy explosion.
8. Use the charger under the environment of dryness, clearness and ventilation .
9. Use the charger only indoors. Do not place it in the rain, snow or other terrible circumstance.
10. Do not put wire or electric objects into the inner side of the charge intake in case of catching fire, electric shock or hurt.