

Ultra-Fast Ni-MH & Ni-Cd Battery Charger

This charger is designed to charge Nickel-Metal-Hydride or Nickel-Cadmium AA, AAA size rechargeable batteries. Please note that this charger must not be used for Alkaline, Carbon Zinc, Lithium or any kind of battery other than Nickel Metal Hydride or Nickel Cadmium.

Features :

- Recharges 2 pieces or 4 pieces of AA & AAA Ni-MH/Ni-Cd batteries at a time.
- Powered by the supplied AC Adaptor when using at home/Office or by the supplied DC Car Adaptor when using in a vehicle.
- Batteries life well protected by -dV detection and timer protection.
- Automatic charging current selection for size AA and AAA.
- LED display for rapid charge/trickle charge/bad cell detection
Red LED – rapid charge ; Green LED – trickle charge ; Flashing Red LED – Cells are not suitable for charging.

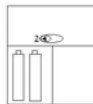
Safety features :

- -dV cut-off function
- Safety timer to prevent over charge

OPERATION INSTRUCTIONS :-

1. Slide the switch to select the number of battery to be charged. For charging 2 cells, set the switch to position "2". For charging 4 cells, set the switch to position "4".
2. Insert 2 or 4 pieces of AA/AAA rechargeable Ni-Cd/Ni-MH batteries into the battery compartment; battery must be charged in pairs. For charging only 2 cells, insert the batteries to the left side of the charging terminal (Fig. 1)

(Fig. 1)



3. Make correct contact for polarity (+ and -) ; according to the sign in the battery compartment.
4. Charge either AA or AAA size at a time. Do not mix to charge AA or AAA at same time.
5. **When using at home/Office**

Connect the supplied AC adaptor's barrel plug into the jack on the back of the charger. Plug the AC adaptor into a correct household electric outlet.

Caution : The supplied AC adaptor supplies 12VDC and delivers 500mA, and its plug fits into the charger's **DC input jack**. Using an adaptor that does not meet these specifications could damage the charger or the adaptor.

When using in a vehicle

Connect the supplied DC car adaptor's barrel plug into the charger's **DC input jack**. Plug the large end of the cord into the 12V car lighter power port.

6. The status LED will glow red when the batteries are receiving charge. After charge is completed, the "status" LED will change to green to indicate that the charge is completed and batteries are ready for use. Once the status LED is green, the charger switches to "trickle" mode to keep the batteries at full.
7. Unplug the charger and remove the batteries from the charger when not in use.

Charging time :

| Size | Charging current | Nickel Metal Hydride | |
|------|------------------|----------------------|-------------|
| AA | 700mA | 1300mAh | 120 minutes |
| AA | 700mA | 1600mAh | 140 minutes |
| AA | 700mA | 1800mAh | 160 minutes |
| AA | 700mA | 2000mAh | 180 minutes |
| AA | 700mA | 2100mAh | 190 minutes |
| AA | 700mA | 2300mAh | 200 minutes |
| AAA | 350mA | 500mAh | 90 minutes |
| AAA | 350mA | 650mAh | 120 minutes |
| AAA | 350mA | 800mAh | 150 minutes |

| Size | Charging current | Nickel Cadmium | |
|------|------------------|----------------|------------|
| AA | 700mA | 600mAh | 60 minutes |
| AA | 700mA | 800mAh | 75 minutes |
| AAA | 350mA | 220mAh | 50 minutes |

*Charge time will vary depending upon the brand, capacity and condition of batteries being charged.

Trickle current: 20mA for AA/AAA battery

Important Safety Instructions

1. Before charging, read instruction.
2. This charger is intended for use with Nickel-Cadmium and Nickel-metal-hydride rechargeable batteries only. Attempting to charge other types of batteries may cause personal injury and damage to the charger.
3. Recharge only one type of battery (Ni-Cd or Ni-MH) at each time.
4. Do not expose charger to rain or moisture. For indoor use only.
5. Remove from mains when not in use.
6. Never use an extension cord or any attachment not recommended by manufacturer, otherwise this may result in a risk of fire, electric shock or injury to persons.
7. Do not operate the charger if it has been subjected to shock or damage. Take it to a qualified serviceman for repair.
8. Do not disassemble the charger. Incorrect reassemble may result in a risk of electric shock or fire.
9. Unplug the charger from outlet before attempting any maintenance of cleaning.



VAPEX TECHNOLOGY LIMITED.