



Model No.: VTE2000F
1 Hour Super Slim Charger

For Ni-MH batteries

Your AA/AAA Battery Charger is designed to charge Vapex'Tech NiMH rechargeable REGULAR batteries rated to 2700mAh(AA) or 1000mAh (AAA). The batteries will be fully-charged by Microprocessor-Control System in 1 HOUR for AA/AAA batteries. You can charge 1/2/3/4 AA/AAA NiMH batteries simultaneously.

This charger is designed to charge Nickel-Metal- Hydride 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.

SAVE THESE INSTRUCTIONS

CHARGER FEATURES INCLUDE:

- Recharges 1 piece to 4 pieces of AA & AAA Ni-MH batteries at a time.
- Powered by the supplied AC Adaptor when using at home or by the supplied DC Car Adaptor when using in a vehicle.
- Microprocessor Controlled – 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 i.e. Short circuit or wrong polarity.

Safety features :

- -dV cut-off function
- Safety timer to prevent over charge
- Thermal cut off
- Reverse-polarity protection
- Bad cell Detection

OPERATION INSTRUCTIONS : -

1. Insert 1 to 4 pieces of AA/AAA rechargeable Ni-MH batteries into the battery compartment.
2. Make correct contact for polarity (+ and –) ; according to the sign in the battery compartment.
3. For charging of AAA battery, pull down the adjustable battery contact plate first and then insert the AAA batteries into the compartment. Now the AAA batteries will be hold firmly inside the compartment. The charger will adjust the suitable charging current for AAA battery automatically.
4. **When using indoor**
Connect the supplied AC adaptor's barrel plug into the jack on the back of the charger. Plug the AC adaptor into household electric outlet. The switching power supply will adjust automatically, when using overseas a poplar plug adaptor must be required (not supplied) any available 100-240VAC.
Caution: The supplied AC adaptor supplies 12VDC and delivers 1.7A, 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.

5. The Red LED will glow to indicate the proper charging. After the batteries are fully charged, the red LED will turn off and the green LED will light up indicating the trickle charge is on. The charged batteries are ready for use.
6. Unplug the charger and remove the batteries from the charger when not in use.
7. Begin again at *Step 1* to charge the next set of batteries.

Bad Cell Detection :

When charge process is started, the charger detects the health status of each of the cells in the battery compartment. If any battery is unsuitable for charging. i.e. short circuit or reversed polarity, the status LED will flash. The damage cell(s) should be properly disposed of.

Specifications:

Power supply :	100-240VAC, 50/60 Hz International Compatible
Charge rate :	Ni-MH AA size - 2A AAA size - 850mA

Charging time :

Size	Charging current	Nickel Metal Hydride	
AA	2A	1300mAh	40 minutes
AA	2A	1500mAh	45 minutes
AA	2A	1800mAh	50 minutes
AA	2A	2000mAh	55 minutes
AA	2A	2100mAh	58 minutes
AA	2A	2200mAh	61 minutes
AA	2A	2300mAh	64 minutes
AA	2A	2500mAh	70 minutes
AA	2A	2700mAh	75 minutes
AAA	0.85A	550mAh	40 minutes
AAA	0.85A	750mAh	52 minutes
AAA	0.85A	800mAh	55 minutes
AAA	0.85A	900mAh	64 minutes
AAA	0.85A	1000mAh	67 minutes

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

Important Safety Instructions

1. Before charging, read instruction.
2. This charger is intended for use with Nickel-metal-hydride rechargeable batteries only. Attempting to charge other types of batteries may cause personal injury and damage to the charger.
3. Do not charge non-rechargeable batteries.
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.
10. The appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.
11. Before scrapping your charger, remove the batteries from the unit and they are disposed of safety.