Model NO.: VTE500
Mini-Fast 2Hours Charger

Your AA/AAA Battery Charger is designed to charge Vapex'Tech NiMH rechargeable batteries rated to 2700mAh (AA) or 1000mAh (AAA). The batteries will be fully-charged by a Microprocessor-Control System in 2 Hours for AAA battery, and 5 hours for AA batteries. You can also charge 2 AA or 2AAA NiMH batteries simultaneously.

SAVE THESE INSTRUCTIONS

CHARGER FEATURES INCLUDE:

Mains voltage 230V 60Hz

Reverse Polarity Protects the charger and batteries against damage from incorrectly installed batteries

Fast charge current approx 500mA～650mA

Maintenance / Top-up charge (trickle charge) current 50mA～60mA

Two Coloured LED

      Red LED light on when charging

      Green LED light on when full (Trickle charging)

      LED Flashing: Battery defect

Microprocessor-control System (For protection and safety)
- a) Over current protect
- b) Delta V and 0Delta V detection stop
- c) Over voltage stop
- d) Automatically change to trickle charging after battery is full
- e) Battery Defect Warning Signal

OPERATION INSTRUCTIONS : -

1- Insert 2 rechargeable Ni-Cd/Ni-MH AA Mignon or AAA Micro batteries.
2- Batteries must be inserted with the correct polarity (Plus/Minus) as indicated in battery compartment.
3- Plug charger into mains socket.
4- The LED will flash three times and then will light up red to indicate that the batteries are charging properly. If the LED does not light up, check the polarity contact between charger and batteries. Also check mains connection.
5- A flashing LED in red or green indicates battery defect or non-rechargeable battery use. Immediately disconnect charger from power and remove defective or non-rechargeable battery.
6- The LED will turn green to indicate that the charge is completed. A top-up and maintenance charge will continue until the batteries are removed.
7- After the colour or the LED changes from red to green, the charger can remain connected to power without any risk of damage to charger or batteries. However, we do not recommend leaving the batteries with the charger connected indefinitely.
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Please use this charger in an area between 59 and 77 degree Fahrenheit (15 and 25 degree Celsius)

It is normal for batteries to become warm while charging and is no cause for alarm.

Charging time :

Size	Charging current	Nickel Metal Hydride	
AA	500mA	1300mAh	170 minutes
AA	500mA	1600mAh	200 minutes
AA	500mA	1800mAh	220 minutes
AA	500mA	2000mAh	250 minutes
AA	500mA	2100mAh	270 minutes
AA	500mA	2300mAh	280 minutes
AA	500mA	2500mAh	300 minutes
AA	500mA	2600mAh	330 minutes
AAA	500mA	500mAh	60 minutes
AAA	500mA	650mAh	70 minutes
AAA	500mA	800mAh	90 minutes
AAA	500mA	900mAh	120 minutes
AAA	500mA	1000mAh	150 minutes

Size	Charging current	Nickel Cadmium	
AA	500mA	600mAh	70 minutes
AA	500mA	800mAh	95 minutes
AAA	500mA	220mAh	25 minutes

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

Trickle current: 50mA 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 reassembly may result in a risk of electric shock or fire.
9. Unplug the charger from outlet before attempting any maintenance of cleaning.

BATTERY WARNING:

Charge with only standard household NiMH Battery Chargers, Do not open battery, dispose of in fire, put in backwards, mix with other battery types or short circuit--- may ignite, explode, lead or get hot, causing injury.