

**Model No.: VTE-10000**

**Universal Smart LCD NiMH Charger – Worldwide Use**

**Powered by External AC Adaptor (Input: 100-240V AC) for worldwide use**

**The interchangeable plugs Power Supply can be used in UK, Europe, US and Australia**

**Powered by Car Adaptor to be charged in a vehicle**

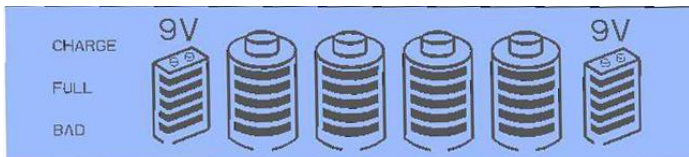
**Special Design to FAST charge both 8.4V and 9.6V PP3 Batteries, -dV auto cut-off!**

Your AAA/AA/C/D/PP3 Battery Charger is designed to charge Vapex Tech NiMH rechargeable batteries rated to 2900mAh(AA), 1100mAh (AAA), 5000mAh (C), 10000mAh (D), 8.4V-280mAh(PP3), 9.6V-220mAh (PP3). The batteries will be fully-charged by Microprocessor-Control System for AAA/AA/C/D/PP3 batteries. You can charge 1/2/3/4 AAA/AA/C/D or 1/2pcs 8.4V or 9.6V PP3 NiMH batteries simultaneously.

**SAVE THESE INSTRUCTIONS**

**Features**

- Specially designed with LCD Battery Indicator.
- Powered by the supplied Switching mode AC Adaptor when using at indoor or by the supplied DC Car Adaptor when using in a vehicle.
- Recharges 1 piece to 4 pieces of AA/AAA/C/D Ni-MH batteries and 1 to 2 pieces of 8.4V or 9.6V cells (Ni-MH) at a time.
- 4 individual charging channels for AA/AAA/C/D and 2 individual charging channels for 9V cells.
- Intelligent Microprocessor Controlled – Batteries life well protected by negative delta V cut-off function and timer protection.
- Defective and Non-rechargeable battery detection.
- Electric LCD display with Blue color backlight and designed with :
  - Battery Charging Status indication
  - Charge: when battery is in charging status
  - Full: when battery is fully charged.
  - BAD: when detects wrong cells



**Safety Features**

- Negative delta V cut -off function for AAA/AA/C/D/PP3 size batteries
- Peak Voltage Cut Off
- Safety timer to prevent over charge
- Short circuit protection
- Reverse-polarity protection
- Bad cell Detection

**Charging Instructions**

1. Insert 1 to 4 pieces of AA/AAA/C/D or 1 to 2 pieces of 9V cell 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 Using in indoor**  
First time use, connect the right plug for your country on the power supply. And 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.

**Caution:** The supplied AC adaptor supplies 18VDC 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

4. The LCD will indicate the proper charging and the wording "**CHARGE**" will be shown. (The Blue backlight will light up during the charging process and turn off once the batteries are fully charged)

5. After the batteries are fully charged, the wording "**FULL**" will indicate on the LCD screen to indicate 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 a battery is placed into the battery charger, the charger will automatically detect the status of the battery. If a battery is not suitable for charging i.e. short circuit or wrong polarity, the **Full Bar on LCD Display** would be flashing and the text "**Bad**" would be shown on the left hand side.

**CHARGING TIME TABLE:**

Input	DC 18V 500mA USE WITH AN EXTERNAL ADAPTOR	
Charge current:	Ni-MH	Charging Time
AAA size : 800mA	AAA 1100mAh	1.3 hours
AA size : 800mA	AA 2900mAh	3.3 hours
	C 5000mAh	6.5 hours
C size : 800mA	C 4000mAh	5.3 hours
	C 2500mAh	3.5 hours
	D 10000mAh	13.3 hours
D size : 800mA	D 8000mAh	11 hours
	D 5000mAh	6.5 hours
	D 4000mAh	5.5 hours
	PP3 (8.4V & 9.6V): 50mA	PP3 (8.4V) 280mAh
PP3 (9.6V) 220mAh		4.5 hours
PP3 (8.4V) 200mAh		4.2 hours
PP3 (8.4V) 170mAh		3.8 hours
Detect Method	-ΔV auto cut-off for AAA, AA, C, D, PP3 size batteries	
For battery Type	AAA 500-1100mAh AA 1300-2900mAh C 1300-5000mAh D 1300-10000mAh 8.4V 100-280mAh, 9.6V/100-220mAh	

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

**Specifications of AC Adaptor:**

Power supply :	100-240VAC, 50/60 Hz
Input Voltage	12~18V DC 9W

**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 expose charger to rain or moisture. For indoor use only.
4. Remove from mains when not in use.
5. 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.
6. Do not operate the charger if it has been subjected to shock or damage. Take it to a qualified serviceman for repair.
7. Do not disassemble the charger. Incorrect reassemble may result in a risk of electric shock or fire.
8. Unplug the charger from outlet before attempting any maintenance of cleaning.
9. This power unit is intended to be correctly orientated in a vertical or floor mount position.
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.

**SAVE THESE INSTRUCTIONS, DANGER-TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.**