



Model No.: VTE-Universal Universal Ni-CD & Ni-MH Battery Charger Model

Your AA/AAA/C/D/PP3 Battery Charger is designed to charge Vapex'Tech NiMH rechargeable batteries rated to 2700mAh(AA) , 1000mAh (AAA), 9000mAh(D), 4000mAh(C) & 280mAh(PP3). The batteries will be ready for use in 8.5 hours for NiMH AA/AAA/C/D batteries, 4 hours for NiCd AA/AAA/C/D batteries and without timer for PP3 batteries. You can charge 1, 2, 3 or 4 AA/AAA/C/D NiMH batteries or any and these four types NiMH/NiCd batteries simultaneously. You can also charge 1 or 2 PP3 batteries at a time.

SAVE THESE INSTRUCTIONS

CHARGER FEATURES INCLUDE:

LED Charge Indicators: The LED Lights RED during charging and switches off when charging is complete.

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

Built in automatic charging current selection for size AA and AAA

Automatic Timer Shut-off: Turn off the charger to prevent overcharging AA or AAA batteries. Note: If the unit is unplugged or power is interrupted during the charging cycle, the time will start over and run the full charge cycle.

OPERATING INSTRUCTIONS:

1. Insert 1-4 batteries D, C, AA, AAA or 1-2 batteries 9V cell in the battery compartment.

DO NOT MIX NICKEL-METAL-HYDRIDE AND NICKEL-CADMIUM BATTERIES.

2. Slide the battery type switch to select the correct type of battery. For Nickel-Cadmium batteries, set the switch to "NiCd" position. For Nickel-Metal Hydride batteries, set the switch to "NiMH" position.
3. Plug the charger into a correct house-hold electric outlet. The LED (CH 1, CH 2, CH3 or CH4) will glow in red color to indicate the proper charging. After the proper charge time is reached (8.5 hours for NiMH and 4 hours for NiCd;(except 9V cell), the red lights will turn off and the trickle charge is on. The charged batteries are ready for use.
4. Unplug the charger and remove the batteries from the charger when not in use.
5. When 9V cells are placed in the charger, the green light (at the top of the charger) will be on. After about 10-15 hours, remove the 9V cells from the charger and the charged batteries are ready for use. Observe the charging time. Do not overcharge the batteries.

NOTE: The charging of 9V cells are by manual control, therefore the green light will continue to stay on unless you remove the 9V cells from the battery

compartment.

6. Unplug and then replug the charger each time when you recharge the empty batteries.

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.

For lower rated capacity batteries, simply remove the batteries before the charge cycle is complete based on the following charge times. (Note batteries will not be damaged if left in the charger until the timer shuts off). For best results, always use Vapex'Tech NiMH rechargeable batteries.

CHARGING TIME FOR NiCd CELLS

Capacity of battery	By timer
AAA - 240 - 300mAh	4 hours
AA - 750 - 900mAh	4 hours
C - 1400mAh	4 hours
D - 1400mAh	4 hours

CHARGING TIME FOR NiMH CELLS

Capacity of battery	By timer
AAA - 550 - 1000mAh	8.5 hours
AA - 1600 - 2700mAh	8.5 hours
C - 2300 - 2800mAh	8.5 hours
D - 2300 - 2800mAh	8.5 hours

C - 4000mAh~5500mAh *16 hours

D - 5000mAh~10000mAh *16 hours

CHARGING TIME FOR 9V CELLS

Capacity of battery	By manual
9V NiCd cell 110mAh	10 hours
9V NiMH cell 150-280mAh	15 hours
9V NiMH cell 280mAh	: 30 hours

*This type of battery needs to recharge one more cycle to ensure the battery is fully charged. After 8 hours charging, the red LED will turn off and the trickle charge is on. Unplug and then replug charger for additional 8 hours charging.

CAUTION:

- (1) Do not overcharge the batteries.
- (2) Do not expose charger to rain or moisture. For indoor use only.
- (3) Never charge NiMH and NiCd batteries at the same time.
- (4) This charger is intended for use with Nickel-Cadmium and Nickel-Metal-Hydrate rechargeable batteries only. Attempting to charge other types of batteries may cause personal injury and damage to the charger.
- (5) 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.