

Model NO.: VTE500P Smart & Fast Charger for 4~10 Cells Battery Packs

This Charger is designed to charge Nickel-Metal Hydride or Nickel Cadmium 4~10 Cells battery packs with Standard Tamiya Male Connector.

This is a Smart Charger, which can distinguish 4~10 cells pack by MPU inside Automatically and cut-off the charging accordingly. It is easy to use. Manual-adjustment is not needed.

By using different adaptors, this charger can be used to charge battery packs with Futaba Female connector, JR Female connector, Tamiya Small Male connector, Micro Female connector etc.

SAVE THESE INSTRUCTIONS

Input Rated Voltage & Line Frequency:
240VAC 50Hz

Rated Voltage: DC18.0V+/-5%

Rated Current: DC500mA

Rated Cells Pack: 4~10 Cells

No Load Voltage: DC23.5V Max

Trickle Current: 60mA Max

Short Circuit & Reverse Polarity

Protection included

Features:

Recharges 4~10 pieces cells battery packs Ni-MH/Ni-Cd batteries with Standard Tamiya Male connector.

Microprocessor-control System (For protection and safety).

Batteries life is well protected by -dV detection and timer protection.

LED display for Rapid charge/trickle charge

Red LED- rapid charge

Green LED- Fully Charged & trickle charge

Flash Red and Green LED- short

Flash Red LED: Reverse polarity or Wrong Battery

Safety features :

- -dV cut-off function

OPERATION INSTRUCTIONS :-

- 1- Connecting 1 pack of 4~10 cells pack with Tamiya Male connector to the Female connector of the charger.
- 2- Make correct contact of the Female and Male connectors.
- 3- Plug charger into mains socket.
- 4- The status LED will glow Red when the batteries are receiving charge. After charge is completed, the status LED will change green to indicate that the charge is completed and batteries are ready for use. Once the status LED is Green, the charge switches to trickle mode to keep the batteries at full.
- 5- Unplug the charger and remove the batteries

from the charger when not in use.

Mechanical Specification:

1. Plastic Case: 70×40×28mm
2. Output DC Cord: 26AGW×1500mm×2C

Environmental

Operating temperature: 0~35°C

Short Circuit Protection: 20mA

Weight:

W.T. 90g for UK adaptor

Package: double blister

Charging table

Size	Input		Output Current
	Voltage	Current	
4 Cells	16V	240mA	500mA
5 Cells	16V	280mA	500mA
6 Cells	16V	396mA	500mA
7 Cells	16V	423mA	500mA
8 Cells	16V	450mA	500mA
9 Cells	16V	480mA	500mA
10 Cells	16V	500mA	500mA

Charging time :

Size	Charging current	Charging Time
3000mAh	500mA	6.5 hours
3300mAh	500mA	7.0 hours
3700mAh	500mA	8.0 hours
4300mAh	500mA	9.0 hours
4600mAh	500mA	10.0 hours
5000mAh	500mA	11.0 hours
2000mAh	500mA	4.7 hours
2600mAh	500mA	6.0 hours
1600mAh	500mA	3.3 hours
800mAh	500mA	1.5 hours

*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-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 or cleaning.