

## PRODUCT MANUAL

### Safety:

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children shall not play with the appliance.

Cleaning and user maintenance shall not be made by children without supervision.

The maximum operating ambient temperature of the product is 40°C Max.

WARNING: against recharging non-rechargeable batteries.



Before charging read the instructions.

During charging, the battery must be placed in a well-ventilated area.

After charging, disconnect the battery charger from the supply mains. Then remove the chassis connection and then the battery connection

Model	Input	Output	The batteries that can be charged
XT12V292A035	100-240V~, 50/60Hz, 2.5A	29.2V <sup>DC</sup> , 3.5A	8 Series lithium iron phosphate battery 29.2Vdc, 10Ah
XT12V294A035		29.4V <sup>DC</sup> , 3.5A	7 string ternary lithium battery 29.4Vdc, 10Ah
XT12V420A030		42V <sup>DC</sup> , 3.0A	10 string ternary lithium battery 42Vdc, 10Ah
XT12V438A025		43.8V <sup>DC</sup> , 2.5A	12 string lithium iron phosphate battery 43.8Vdc, 10Ah
XT12V546A022		54.6V <sup>DC</sup> , 2.2A	13 string ternary lithium battery 54.6Vdc, 10Ah
XT12V584A022		58.4V <sup>DC</sup> , 2.2A	16 string lithium iron phosphate battery 58.4Vdc, 10Ah
XT12V588A022		58.8V <sup>DC</sup> , 2.2A	14 string ternary lithium battery 58.4Vdc, 10Ah

### 1、Product Features :

The XT series charger is a relatively advanced and intelligent lithium battery charger with high performance and protection functions. It is widely used in new energy electrical equipment.

Function : over-voltage protection, short circuit protection, over temperature protection, over current protection, reverse connection protection

### 2、Applications :

This series of chargers are widely used in electric bicycles, electric scooters, electric motorcycles, electric tractors, electric boats, electric lifting platforms, etc.

3、 Technical Parameters :

1. Input voltage: Nominal voltage 100-240VAC, adjustable voltage 90-264Vac, 50/60Hz, 2.5A (MAX)

2. Output voltage: DC29.2V / 3.5A, 29.4V / 3.5A, 42V / 3A, 43.8V/2.5A, 54.6V/2.2A, 58.4/2.2A, 58.8V/2.2A

3. Battery: 7S,10S,13S,14S lithium ion batteries, 8S,12S,16S lifepo4 batteries

4. Red light means charging, green light means full charged

4、 Use environment :

1. Please use in dry environment

2. Please use indoors

3. Please keep air circulation when charging, please do not cover up with items.

5、 Attention :

1. Please read the product manual carefully before using the charger.

2. Never place the charger directly under the sun.

3. Please keep air circulation when charging, please do not cover up with items.

4. Please use indoors

5. When not in use, please unplug the AC power supply.

6. Do not place the charger in a place where children can easily touch it.

6、 Operation Instruction :

1. Check if the charger and battery are in good condition separately.

2. Check if the output of the charger matches the charging terminal of the battery.

3. Connect the output terminal of the charger to the charging terminal of the battery

4. Connect the terminals of the AC wire to the input terminals of the charger.

5. Then plug in the standard AC outlet.

