



1 STEP 1 Desulphation

Pulsing voltage removes sulphates from the lead plates in the battery and restores battery capacity.

2 STEP 2 Soft Start

Tests if the battery can take charge. Charging begins if the battery is OK.

3 STEP 3 Bulk

Charges at maximum current, to approx. 80% of the battery capacity.

4 STEP 4 Absorption, Ready for use
Charges at declining current until the battery has reached 100% of battery capacity.

5 STEP 5 Analyze
Pulsing voltage removes sulphates from the lead plates in the battery and restores battery capacity.

6 STEP 6 Recond
Reconditioning function for deeply discharged batteries.

7 STEP 7 Float (maintenance),
Fully charged
Maintains the battery voltage at maximum level by providing a constant voltage charge.

8 STEP 8 Pulse, Maintenance charging
Maintains the battery at 95-100% capacity. The charger monitors the battery voltage and gives a pulse when necessary, to keep the battery fully charged.



MODEL	CT-2000	CT-3800	CT-7000
Specification	6V/2A,12V /2A	6V/3.8A,12V /3.8A	12V/7A,24V/3.5A
Rated AC Input Voltage	AC 220-240V ,50-60Hz	AC 220-240V ,50-60Hz	AC 220-240V ,50-60Hz
Charging Voltage	6V/12V	6V/12V	12V/24V
Charging Current	Max 2.0A	Max 4.0A	Max 7.2A
AC Input Current	Max 0.4Arms	Max 0.45Arms	Max 0.8Arms
Back Current Drain	< 5mA	< 5mA	< 5mA
Ambient Temperature	0-40°C	0-40°C	0-40°C
Charger Type	8steps, Full-automatic Charging Cycle	8 steps, Full-automatic Charging Cycle	8 steps, Full-automatic Charging Cycle
Battery Type	6V/12V lead-acid battery	6V/12V lead-acid battery	12V /24Vlead-acid battery
Battery Capacity	"4-60AH,maintenance charge to 120AH"	"6-100AH, maintenance charge to 160AH"	"14-230AH, maintenance charge to 290AH"
Insulation Class	IP65	IP65	IP65
Packing size	235x80x120mm	265x90x120mm	310x118x142mm