

# SUPER-LITE

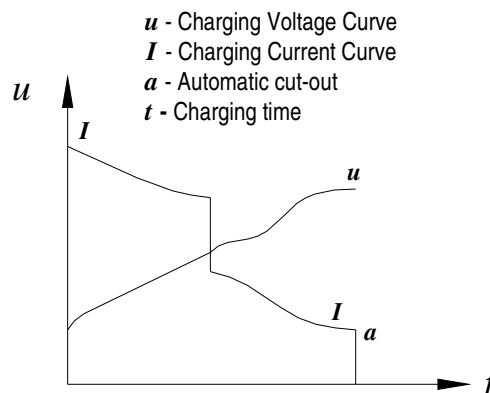
## T – SERIES Automatic Traction Battery Charger



**SUPER-LITE** automatic traction battery charger is an evolution in electrical truck battery charging. It is fully automatic, robust, and simple to operate and comes in three phase input.

### Features:

- ❖ Fully automatic two steps charging
- ❖ Thyristor controlled rectification
- ❖ Protected by a 13 hours security timer
- ❖ WoWa charging mode
- ❖ Equalizing cycle.



**Charging curve against time**

### Specifications:

Mains Supply	Three Phase 415V
Frequency	50/60Hz
DC Output Voltage	12V,24V,36V,48V,72V & 80V
DC Output Current	30A up to 220A
Indicators	Power ON, 80% charged, 100% Charged, Equalizing and Safety Timer.
Protection	Input MCB and Output HRC Fuse
Overload Protection	Current Limiting
Operating Temperature	0 to 40°C
Cubical Construction Powder	Mild Steel Coated with Epoxy

# TECHNICAL SPECIFICATION

Model	Type	AC Input	Battery Capacity	Charging Time
RC 2440 -T	24V / 40A	3 $\phi$ 415V @ 50Hz	185 ~ 250	9 ~ 12Hrs
RC 2460 -T	24V / 60A	3 $\phi$ 415V @ 50Hz	250 ~ 375	9 ~ 12Hrs
RC 2480 -T	24V / 80A	3 $\phi$ 415V @ 50Hz	375 ~ 500	9 ~ 12Hrs
RC 24100 -T	24V 100A	3 $\phi$ 415V @ 50Hz	500 ~ 625	9 ~ 12Hrs
RC 24120 -T	24V / 120A	3 $\phi$ 415V @ 50Hz	625 ~ 750	9 ~ 12Hrs
RC 24140 -T	24V / 140A	3 $\phi$ 415V @ 50Hz	750 ~ 875	9 ~ 12Hrs
RC 24160 -T	24V / 160A	3 $\phi$ 415V @ 50Hz	875 ~ 1000	9 ~ 12Hrs
RC 24180 -T	24V / 180A	3 $\phi$ 415V @ 50Hz	1000 ~ 1125	9 ~ 12Hrs
RC 3650 - T	36V / 50A	3 $\phi$ 415V @ 50Hz	180 ~ 250	9 ~ 12Hrs
RC 3660 - T	36V / 60A	3 $\phi$ 415V @ 50Hz	250 ~ 375	9 ~ 12Hrs
RC 3680 - T	36V / 80A	3 $\phi$ 415V @ 50Hz	375 ~ 500	9 ~ 12Hrs
RC 36100 - T	36V / 100A	3 $\phi$ 415V @ 50Hz	500 ~ 625	9 ~ 12Hrs
RC 36120 - T	36V / 120A	3 $\phi$ 415V @ 50Hz	625 ~ 750	9 ~ 12Hrs
RC 36140 - T	36V / 140A	3 $\phi$ 415V @ 50Hz	750 ~ 875	9 ~ 12Hrs
RC 36160 - T	36V / 160A	3 $\phi$ 415V @ 50Hz	875 ~ 1000	9 ~ 12Hrs
RC 36180 - T	36V / 180A	3 $\phi$ 415V @ 50Hz	1000 ~ 1125	9 ~ 12Hrs
RC 36200 - T	36V / 200A	3 $\phi$ 415V @ 50Hz	1125 ~ 1200	9 ~ 12Hrs
RC 36220 - T	36V / 220A	3 $\phi$ 415V @ 50Hz	1200 ~ 1320	9 ~ 12Hrs
RC 4840 - T	48V / 40A	3 $\phi$ 415V @ 50Hz	170 ~ 250	9 ~ 12Hrs
RC 4860 - T	48V / 60A	3 $\phi$ 415V @ 50Hz	250 ~ 375	9 ~ 12Hrs
RC 4880 - T	48V / 80A	3 $\phi$ 415V @ 50Hz	375 ~ 500	9 ~ 12Hrs
RC 48100 - T	48V / 100A	3 $\phi$ 415V @ 50Hz	500 ~ 625	9 ~ 12Hrs
RC 48120 - T	48V / 120A	3 $\phi$ 415V @ 50Hz	625 ~ 750	9 ~ 12Hrs
RC 48140 - T	48V / 140A	3 $\phi$ 415V @ 50Hz	750 ~ 875	9 ~ 12Hrs
RC 48160 - T	48V / 160A	3 $\phi$ 415V @ 50Hz	875 ~ 1000	9 ~ 12Hrs
RC 48180 - T	48V / 180A	3 $\phi$ 415V @ 50Hz	1000 ~ 1125	9 ~ 12Hrs
RC 48200 - T	48V / 200A	3 $\phi$ 415V @ 50Hz	1125 ~ 1200	9 ~ 12Hrs
RC 48220 - T	48V / 220A	3 $\phi$ 415V @ 50Hz	1200 ~ 1320	9 ~ 12Hrs
RC7260 - T	72V / 60A	3 $\phi$ 415V @ 50Hz	250 ~ 375	9 ~ 12Hrs
RC7280 - T	72V / 80A	3 $\phi$ 415V @ 50Hz	375 ~ 500	9 ~ 12Hrs
RC72100 - T	72V / 100A	3 $\phi$ 415V @ 50Hz	500 ~ 625	9 ~ 12Hrs
RC72120 - T	72V / 120A	3 $\phi$ 415V @ 50Hz	625 ~ 750	9 ~ 12Hrs
RC72140 - T	72V / 140A	3 $\phi$ 415V @ 50Hz	750 ~ 875	9 ~ 12Hrs
RC72160 - T	72V / 160A	3 $\phi$ 415V @ 50Hz	875 ~ 1000	9 ~ 12Hrs
RC72180 - T	72V / 180A	3 $\phi$ 415V @ 50Hz	1000 ~ 1125	9 ~ 12Hrs
RC72200 - T	72V / 200A	3 $\phi$ 415V @ 50Hz	1125 ~ 1200	9 ~ 12Hrs
RC8060 - T	80V / 60A	3 $\phi$ 415V @ 50Hz	250 ~ 375	9 ~ 12Hrs
RC8080 - T	80V / 80A	3 $\phi$ 415V @ 50Hz	375 ~ 500	9 ~ 12Hrs
RC80100 - T	80V / 100A	3 $\phi$ 415V @ 50Hz	500 ~ 625	9 ~ 12Hrs
RC80120 - T	80V / 120A	3 $\phi$ 415V @ 50Hz	625 ~ 750	9 ~ 12Hrs
RC80140 - T	80V / 140A	3 $\phi$ 415V @ 50Hz	750 ~ 875	9 ~ 12Hrs
RC80160 - T	80V / 160A	3 $\phi$ 415V @ 50Hz	875 ~ 1000	9 ~ 12Hrs

**Note: Other capacity is available upon request.**

*Specification are subject to change without prior notice*