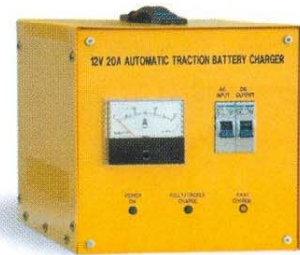
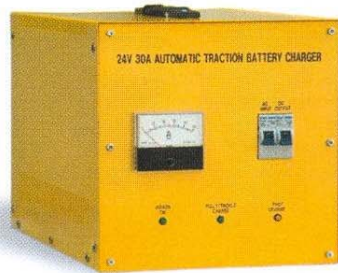


FULLY AUTOMATIC TRACTION BATTERY CHARGER

**INDUSTRIAL GRADE
HEAVY-DUTY DESIGN & CONSTRUCTION**



APPLICATIONS

FOR UNATTENDED AUTOMATIC RECHARGING OF TRACTION / DEEP-CYCLE BATTERIES USED IN

- ◆ Golf Cart
- ◆ Fork Lift
- ◆ Stacker
- ◆ Electric Vehicle
- ◆ Industrial Equipment
- ◆ Electric Floor Cleaner/ Sweeper

DESIGN FEATURES

- ◆ **FULLY AUTOMATIC TWO STEPS CHARGING:**
Fast rate initial charging and automatically switches to float charge when battery is fully charged. Eliminates overcharge and undercharge problems.
- ◆ **THYRISTOR CONTROLLED BRIDGE RECTIFICATION**
Provides electronics current limit to prevent overload and to determine accurate full charge condition of battery.

SPECIFICATIONS

MAINS SUPPLY	: 240V +/-10% (single phase 50Hz/60Hz) : 415V +/-10% (three phase 50Hz/60Hz 4 wires)
OUTPUT VOLTAGE	: 12V, 24V, 36V and 48V
OUTPUT CURRENT	: 10A to 200A
MAINS CONNECTION	: 2 meters AC cord
OUTPUT CONNECTION	: 2 meters power cable c/w crocodile clips or optional DC power plug / socket
SWITCHES/ CONTROLS	: Input and output breakers
INSTRUMENTATION	: Charge current ammeter
INDICATORS	: Power on, fast charge and full / float charge LEDs
PROTECTIONS	: Battery reverse polarity : Output short circuit : Output overload
OPERATING TEMPERATURE	: 0 to 40°C
HUMIDITY	: 90% non-condensing
CUBICLE CONSTRUCTION	: Mild steel coated with epoxy

TC Series

AG POWER

SINGLE PHASE 240V MODELS

DC O/P CURRENT (A)	10	20	30	40	50	60	80	100	120	150	200		
CUBICLE TYPE	A	A	A	A	B	B	B	C	C	C	C	12V	BATTERY VOLTAGE
AC I/P CURRENT (A)	1	2	3	4	5	6	8	10	12	15	20		
WEIGHT (kg)	8	12	16	24	30	35	44	64	73	85	110		
CUBICLE TYPE	A	A	A	B	B	B	C	C	C	D	-	24V	
AC I/P CURRENT (A)	2	4	6	8	10	12	16	20	24	30	-		
WEIGHT (kg)	13	22	31	40	53	62	90	110	125	140	-		
CUBICLE TYPE	A	A	B	B	B	B	C	C	-	-	-	36V	
AC I/P CURRENT (A)	3	6	9	12	15	18	24	30	-	-	-		
WEIGHT (kg)	17	26	38	50	64	76	96	120	-	-	-		
CUBICLE TYPE	A	B	B	B	C	C	C	C	-	-	-	48V	
AC I/P CURRENT (A)	4	8	12	16	20	24	28	30	-	-	-		
WEIGHT (kg)	20	30	45	60	75	90	120	150	-	-	-		

THREE PHASE 415V MODELS

DC O/P CURRENT (A)	10	20	30	40	50	60	80	100	120	150	200		
CUBICLE TYPE	-	-	-	-	-	-	-	C	C	C	D	12V	BATTERY VOLTAGE
AC I/P CURRENT (A)	-	-	-	-	-	-	-	4	5	6	7		
WEIGHT (kg)	-	-	-	-	-	-	-	75	82	98	135		
CUBICLE TYPE	-	-	-	-	B	C	C	C	C	D	D	24V	
AC I/P CURRENT (A)	-	-	-	-	4	5	6	7	8	10	13		
WEIGHT (kg)	-	-	-	-	65	75	95	120	130	160	180		
CUBICLE TYPE	-	-	-	-	C	C	C	C	D	D	D	36V	
AC I/P CURRENT (A)	-	-	-	-	5	7	9	11	13	15	20		
WEIGHT (kg)	-	-	-	-	85	100	120	140	150	180	200		
CUBICLE TYPE	-	-	-	B	C	C	C	D	D	D	D	48V	
AC I/P CURRENT (A)	-	-	-	5	7	9	12	14	16	20	26		
WEIGHT (kg)	-	-	-	80	100	120	140	160	180	200	240		

MODEL SELECTION EXAMPLE

Model Codes : TC _ _ V _ _ A

DC o/p current
 Battery voltage
 S = Single phase 240V
 T = Single phase 415V

Note : Size charger output current for approx. 10% of battery Ah rating.

CUBICLE TYPES	DIMESIONS HXWXD (mm)
A	300 x 220 x 300
B	400 x 270 x 400
C	600 x 400 x 600
D	800 x 500 x 800

Note: All specifications are subject to change for improvement without prior notice. Please confirm with factory before placing order