

FULLY AUTOMATIC BATTERY CHARGER TT Series

- Automatic shut off when full charged
- Automatic return charging to maintain fully

PETCH TT-Series are of fully automatic battery charger. The charger will start charging with semi-constant voltage characteristic, when battery reach full charge state, current taper down and will automatically shut off. The charger will automatically turn on replacing the small amount of energy that was lost while the charge current was at zero.

PETCH TT-Series are designed for :

- Unattended charging of vented lead acid, sealed lead acid batteries to maintain fully battery state. Using in small emergency power and lighting, battery for emergency engine starter .
- Simultaneously supplying non-continuous load where the load is permanently connected across the battery. For this application the load current should be lower than charger capacity.
- Suitable for cycle use, motive, traction, deep cycle battery, vehicle battery. Used in car battery, snow mobiles, Mowing machine, motorcycles, electric golf carts/car.



SPECIFICATION

Rectifier	Silicon Full Wave Rectifier
Mode Switch	Auto-Manual / Lead Acid Batt'-Sealed Lead Acid
Protection	Delay start 3 seconds after battery connection prevent spark, Input Fuse ,Reverse battery connection

Display	Green LED	- Charge Completed
	Yellow LED	- 80% Charged
	Red LED (blink)	- Charge Proceeding
	Red LED	- Charge Fail/ Reversed Polarity

MODEL	BATT' VOLTAGE	DISCHARGE RATING			BATT' SIZE(Ah)	CHARGING CORDS	DIMENSIONS(mm.)			WEIGHT Kgs
		A.rms.	A.DC.	WATT			WIDE	DEEP	HIGH	
TT0602	6 V	1.7A	1.2A	10	4 - 10	100 Cm.	180	142	125	1.9
TT1202	12 V	1.4A	1A	12	3 - 7	100 Cm.	180	142	125	2.0
TT1203	12 V	3A	2A	25	7 - 25	100 Cm.	180	142	125	2.2
TT1206	12 V	6A	4A	52	15 - 50	100 Cm.	180	142	125	3.2
TT1210	12 V	10A	7A	91	28 - 80	150 Cm.	230	155	150	4.5
TT1215	12 V	15A	10A	130	40 - 120	150 Cm.	255	174	179	5.5
TT1220	12V	20A	15A	195	60 - 150	200 Cm.	210	279	222	7.2
TT1230	12V	30A	20A	260	80 - 200	200 Cm.	232	327	260	8.5
TT1235	12V	35A	25A	365	100 - 200	200 Cm.	232	327	260	11.0
TT2403	24 V	3A	2A	55	7 - 25	100 Cm.	180	142	125	4.5
TT2406	24 V	6A	4A	110	15 - 50	100 Cm.	230	155	151	5.5
TT2410	24 V	10A	7A	180	28 - 80	150 Cm.	210	279	222	7.6
TT2415	24 V	15A	10A	260	40 - 120	150 Cm.	210	279	222	9.3
TT2420	24 V	20A	15A	390	60 - 150	200 Cm.	232	327	260	11.5
TT2430	24 V	30A	20A	520	80 - 200	200 Cm.	232	327	260	12.5
TT2435	24 V	35A	25A	710	100 - 200	200 Cm.	232	327	260	15.5

Frequency 50-60 hz standard primary voltage is 220v. however 115v. or other input voltage are also available in accordance with the user requirement.

ESTIMATE CHARGING PERIOD TIME

Batt' Size	4 Ah	7 Ah	10Ah	15Ah	20Ah	25Ah	30Ah	40Ah	50Ah	70Ah	100Ah	120Ah	150Ah	200Ah
TT1202	5 hrs	9 hrs	-	-	-	-	-	-	-	-	-	-	-	-
TT1203 / TT2403	-	4 hrs	6 hrs	9 hrs	12 hrs	-	-	-	-	-	-	-	-	-
TT1206 / TT2406	-	-	-	4 hrs	6 hrs	8 hrs	10 hrs	14 hrs	-	-	-	-	-	-
TT1210 / TT2410	-	-	-	-	-	4 hrs	5 hrs	7 hrs	9 hrs	13 hrs	-	-	-	-
TT1215 / TT2415	-	-	-	-	-	-	-	5 hrs	7 hrs	9 hrs	13 hrs	-	-	-
TT1220 / TT2420	-	-	-	-	-	-	-	-	4 hrs	6 hrs	9 hrs	10 hrs	12 hrs	-
TT1230 / TT2430	-	-	-	-	-	-	-	-	-	4 hrs	5 hrs	8 hrs	10 hrs	12 hrs
TT1235 / TT2435	-	-	-	-	-	-	-	-	-	-	5 hrs	6 hrs	8 hrs	10 hrs

This publication may not include some latest technical changes and/or revision to these unit.

Changes are periodically made to the information described here. Future editions will incorporate with these changes.

All information included herein is subject to change without notice.

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