

T-TECH Battery Charger Selection Chart

Application

- Marine
- Industry
- Office
- Telecommunication
- Retail centre
- Workshop
- Home
- Golf buggy
- Electric scooter
- Electric Wheel chair



Features

- Low price
- Efficiency
- Designed for:
 - Lead Acid liquid batteries
 - Alkaline batteries
 - Sealed and gel cell batteries

T-TECH is offering the latest design in battery charging technology.

The range of over 60 standard T-TECH models of chargers built to meet all your battery charging needs. Most of the chargers are on stock and ready to dispatch or can be assembled from in-house components within a few days.

5 Stage voltage and current regulated charger

The charging stages are: 1. Gassing 2. Non Gassing 3. Boosting 4. Equalizing 5. Floating

This type of T-Tech charger provides an excellent battery management. It monitors the gassing level in the battery while charging it. In effect it recharges the battery faster, allowing the use of the battery in production sooner. This charger with the accurate control circuit conserves the life of the battery.

- Gives a Boost charge after a battery discharge is detected.
- Reduces water loss by adjusting the charge current according to the gassing on the cells.
- It has a battery reconditioning charge to equalize the cells voltages.
- With a final float charge it holds the battery charge for a long time..
- Sealed liquid maintenance free battery charge mode, is available if requested upon ordering.
- The optimal size of this type of charger has a maximum current capacity which is 20% (0.2C) of the battery's Ampere hour rating.

PROTECTIONS BUILT INTO THE 5 STAGE CHARGER

- The connection to the battery is monitored and any fault is indicated.
- Reverse polarity connection protection.
- Until the battery is connected correctly, the DC output is not energized
- An open battery cell is detected and indicated.
- Shorted battery cell is detected and an unsuccessful charge is indicated.

3 Stage voltage and current regulated charger

The charging stages are: 1. Boosting 2. Equalizing 3. Floating

This charger gives a boost charging to the battery each time a battery discharge is detected.

The battery charging voltage is accurately maintained and adjusted to the battery's charging level with temperature compensation. On a switch, you can select between charging modes, for liquid acid or sealed maintenance free batteries. Indicates if the connection to the battery is OK, and also if the charging cycle is completed and the battery is ready to use.

The optimal size of this type of charger has a maximum current capacity which is 10% (0.10C) of the battery's Ampere hour rating.

PROTECTIONS BUILT INTO THE 3 STAGE CHARGER

- The connection to the battery is monitored and indicated
- Reverse polarity connection protection.
- Until the battery is connected correctly, the DC output is not energized

1 Stage transformer regulated charger

Provides constant charging current while connected.

Contact:

Battery Charger Selection								
Optimal battery size	Maximum charge current	Stage No.	CHARGER TYPE NUMBER				Phase	Charger case type
			12 V	24 V	36 V	48 V		
Ah	Amp							
50	5	1	B12A5L	B24A5L			1	Personal
		3	B12B5LS	B24B5LS			1	Personal
80	8	1	B12A8L	B24A8L			1	Personal
		3	B12B8LS	B24B8LS			1	Personal
100	10	3	B12G8LS	B24G8LS			1	Handyman
		3	B12B10LS				1	Personal
120	12	3	B12G10LS	B24G10LS			1	Handyman
		3	B12B12LS				1	Personal
150	15	3	B12G12LS	B24G12LS			1	Handyman
		3	B12B15LS				1	Personal
200	20	3	B12G15LS	B24G15LS			1	Handyman
100		3	B12G20LS	B24G20LS			1	Handyman
125	25	5	B12D20L	B24D20L	B36D20L	B48D20L	1	Workshop
		5	B12D20S	B24D20S	B36D20S	B48D20S	1	Workshop
200	40	5	B12D25L	B24D25L	B36D25L	B48D25L	1	Workshop
		5	B12D25S	B24D25S	B36D25S	B48D25S	1	Workshop
250	50	5	B12E40L	B24E40L	B36E40L	B48E40L	1	Production
		5	B12E40S	B24E40S	B36E40S	B48E40S	1	Production
300	60	5	B12E50L	B24E50L	B36E50L	B48E50L	1	Production
		5	B12E50S	B24E50S	B36E50S	B48E50S	1	Production
400	80	5	B12E60L	B24E60L	B36E60L	B48E60L	1	Production
		5	B12E60S	B24E60S	B36E60S	B48E60S	1	Production
500	100	5	B12E80L	B24E80L	B36E80L		1	Production
		5	B12E80S	B24E80S	B36E80S		1	Production
600	120	5	B12E100L	B24E100L	B36E100L	B48E100L	1,3	Production
		5	B12E100S	B24E100S	B36E100S	B48E100S	1,3	Production
750	150	5	B12E120L	B24E120L	B36E120L	B48E120L	1,3	Production
		5	B12E120S	B24E120S	B36E120S	B48E120S	1,3	Production
1000	200	5	B12F150L	B24F150L	B36F150L	B48F150L	3	Production
		5	B12F150S	B24F150S	B36F150S	B48F150S	3	Production
1250	250	5	B12F200L	B24F200L	B36F200L	B48F200L	3	Production
		5	B12F200S	B24F200S	B36F200S	B48F200S	3	Production
1250	250	5	B12F250L	B24F250L	B36F250L	B48F250L	3	Production
		5	B12F250S	B24F250S	B36F250S	B48F250S	3	Production

The Instruments are optional!



Personal charger

203x130x170
WxHxD



Workshop Charger

210x210x440
WxHxD



Handyman Charger

180x300x150
WxHxD



Production Charger

500x720x440
WxHxD

Type	Case	Stage	Phase
A	Personal	1	1
B	Personal	3	1
D	Workshop	5	1
E	Production	5	1
F	Production	5	3
G	Handyman	3	1

Battery connection options:

- 50 Amp Brad Harrison plug
- 175 Amp Brad Harrison plug
- Battery clip rated 100 Amp
- 3 pin cannon plug
- Crimp Lugs

Order Code:
B12F250S-1100

B	12	F	250	S	1100	Battery Ah rating
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B-Battery Charger
P-Power Supply

Battery Voltage

Charger assembly type
A; single stage
B, G; 3 stage
D, E, F; 5 stage

Battery Charger Maximum adjustable Current Capacity

Battery Type
L – Liquid Lead Acid Battery
S – Sealed Lead Acid Battery
LS– Switch for Sealed or Liquid
A – Alkaline battery

Disclaimer: The charger type and size recommendations in this document are for general guidance only, and should be checked before ordering. Specifications are subject to changes to improve the quality of our products. Check website for updates www.batteryCharger.com.au