



Selecting the right battery charger

Protecting and properly maintaining your expensive deep-cycle batteries begins with selecting the right battery charger. Statpower's TRUECHARGE™ chargers deliver an ultrafast multistage charge, complete with temperature compensation. Microprocessor-controlled charging gives your batteries a perfect, accurate charge without risk of boiling or overcharging your batteries. TRUECHARGE delivers maximum charging, even when charging from less than perfect shorepower or campground conditions. The ripple-free, filtered DC output prolongs the life of your batteries and gives you access to noise-free DC power for your boat or RV lighting and other DC appliances.

Choosing the right model

For maximum performance, choose the charger model that best matches the amp-hour capacity of your battery bank. TRUECHARGE chargers come in four sizes:

TRUECHARGE 10

- 10-amp portable charger, perfect for a toolbox
- alligator clip leads for the DC connection
- AC plug for shorepower connection
- charges gel or flooded batteries
- manual temperature compensation

TRUECHARGE 10TB

- 10-amp charger
- charges gel or flooded batteries
- capable of charging two battery banks
- designed to be hardwired to the AC circuit and batteries

TRUECHARGE 20+

- 20-amp charger
- charges gel, AGM or flooded batteries
- capable of charging up to three battery banks
- features three modes of operation—three stage, two stage and power supply
- manual temperature-compensated charge or connect the optional automatic temperature sensor
- built-in DC current display
- CSA/NRTL approved to UL standards

TRUECHARGE 40+

- 40-amp charger
- charges gel, AGM or flooded batteries
- capable of charging up to three battery banks
- features three modes of operation—three stage, two stage and power supply
- manual temperature-compensated charge or connect the optional automatic temperature sensor.
- built-in DC current display
- CSA/NRTL approved to UL standards

Table A: Battery charger selection guide

Battery bank amp hours	Number of battery banks	Portable or permanent?	Product
25 – 100 Ahr	1	Portable	TRUECHARGE 10
	1 – 2	Permanent	TRUECHARGE 10HW
100 – 400 Ahr	1 – 3	Permanent	TRUECHARGE 20+
400+ Ahr	1 – 3	Permanent	TRUECHARGE 40+

Charge time

The amount of time it takes your batteries to recharge depends on the battery and charger size. The following table shows the typical charge time for standard batteries, based on a recommended 50% depth of discharge.

For more information

Visit our web site www.statpower.com or call us at 1-604-420-1585, Monday to Friday from 8 am to 5 pm PST.

Table B: Charge times of standard battery sizes with TRUECHARGE

BATTERY SIZE	CHARGE TIMES* (HOURS)		
	10	20+	40+
Group U-1 (30 Ahr)	2.0	-	-
Group 24 (75 Ahr)	5.0	-	-
Group 27 (100 Ahr)	6.5	3.0	-
Group 4D (200 Ahr)	12.5	6.5	3.5
Group 8D (230 Ahr)	-	7.5	4.0
Two group 8Ds (460Ahr)	-	15.0	7.5

- based on a recommended 50% depth of discharge



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