

2500 SERIES 25A/100AH

PosiCharge™ 2500 Series chargers are built on the same technology that has earned our award-winning fast-charge line the reputation for delivering reliability and extended battery life. The 2500 Series can be used in either single or multi-shift operations and is fully compatible with our fast charge line. Operations with a wide variety of trucks, battery sizes, and uses can combine our fast charge line with the 2500 Series under one roof, for the ultimate in flexibility. When a truck plugs into a 2500 Series charger, the charger automatically identifies the battery's profile and customizes the charge with a unique charging algorithm stored in its memory.

With an efficiency rating of up to 90%, anti-arcing disconnect for operator safety, and electrolyte-immersed temperature sensors to prevent gassing, the 2500 Series is designed with a greater number of standard features than any other charger in its class. Also standard, the 2500 Series features a stackable, lower profile octagonal design that encourages better air flow and consumes minimal floor space – making it ideal for either in-vehicle charging or high-velocity battery changing. The 2500 Series is fully compatible with the PosiCharge Battery Rx™ system.



Cabinet Dimensions: 25.6"W x 23.63"H x 25.6"D

State of Charge (Start/End)	Typical Duration
20 to 60%	100 Minutes
20 to 70%	130 Minutes
20 to 80%	175 Minutes
20 to 90%	235 Minutes

Safety:

- CE, CSA and UL 1564 approval in process
- NEMA 1 Rated Enclosure

Optional:

- Smart Battery Monitor and Identification Device (BMD)

Standard Features:

- Real Time Clock
- Equalization Scheduler
- Auto Start/Stop
- Electrolyte Immersed Thermistor
- Up to 90% Efficiency
- 0.95 Power Factor at Full Load
- Maintains 50 Charge Event Logs
- Automatic Shutdown on Disconnection of Battery
- Over Voltage/Reverse Voltage Protection
- Fully Stackable - Up to Three Systems
- Auto Thermal Shutdown
- Multi AH & Multi Voltage*
- Standard 10ft 320 Euro Output cable included
- 4.5% to 5% Finish Rate



MORE POWER TO YOU.

* EXCLUDING MODEL # IGBT-12V-110A

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE.

IMAGE SHOWN IS A REPRESENTATION; PRODUCTION MODEL MAY VARY SLIGHTLY IN APPEARANCE

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Application (Battery)		Nominal Charge Rate	AC Input Amps	Model Number
Battery Voltage	Battery Amp-Hour for 8 HRS. 100%	DC Output Amperes @25A/100AH at Specified Voltage	3 Phase 60 Hz - 208/240/480/600	PosiCharge 2500 Model #
12V	425	106	6.0/5.2/2.6/2.1	IGBT-12V-110A
12V-24V	380	95	11.0/9.5/4.7/3.8	IGBT-24V-100A
12V-24V	475	119	13.1/11.4/5.7/4.6	IGBT-24V-120A
12V-24V	540	135	15.3/13.3/6.6/5.3	IGBT-24V-140A
12V-24V	600	150	17.5/15.2/7.6/6.1	IGBT-24V-160A
12V-24V	680	170	19.7/17.1/8.5/6.8	IGBT-24V-180A
12V-24V	750	188	21.9/19.0/9.5/7.6	IGBT-24V-200A
12V-24V	865	216	24.1/20.9/10.4/8.4	IGBT-24V-220A
12V-24V	965	241	28.5/24.7/12.3/9.9	IGBT-24V-260A
12V-24V	1050	263	30.7/26.6/13.3/10.6	IGBT-24V-280A
12V-24V	1360	320	35.1/30.4/15.2/12.2	IGBT-24V-320A
12V-36V	475	119	19.7/17.1/8.5/6.8	IGBT-36V-120A
12V-36V	540	135	23.0/19.9/10.0/8.0	IGBT-36V-140A
12V-36V	600	150	26.3/22.8/11.4/9.1	IGBT-36V-160A
12V-36V	680	170	29.6/25.6/12.8/10.3	IGBT-36V-180A
12V-36V	750	188	32.9/28.5/14.2/11.4	IGBT-36V-200A
12V-36V	865	216	36.2/31.3/15.7/12.5	IGBT-36V-220A
12V-36V	965	241	41.7/37.0/18.5/14.8	IGBT-36V-260A
12V-36V	1050	263	46.0/39.9/19.9/16.0	IGBT-36V-280A
12V-36V	1190	298	49.3/42.7/21.4/17.1	IGBT-36V-300A
12V-36V	1360	320	52.6/45.6/22.8/18.2	IGBT-36V-320A
12V-48V	260	65	15.3/13.3/6.6/5.3	IGBT-48V-70A
12V-48V	380	95	21.9/19.0/9.5/7.6	IGBT-48V-100A
12V-48V	475	119	26.3/22.8/11.4/9.1	IGBT-48V-120A
12V-48V	540	135	30.7/22.6/13.3/10.6	IGBT-48V-140A
12V-48V	600	150	35.1/30.4/15.2/12.2	IGBT-48V-160A
12V-48V	680	170	39.4/34.2/17.1/13.7	IGBT-48V-180A
12V-48V	750	188	43.8/38.0/19.0/15.2	IGBT-48V-200A
12V-48V	865	216	48.2/41.8/20.9/16.7	IGBT-48V-220A
12V-48V	965	241	57.0/49.4/24.7/19.8	IGBT-48V-260A
12V-48V	1050	263	61.4/53.2/26.6/21.3	IGBT-48V-280A
12V-48V	1190	298	65.7/57.0/28.5/22.8	IGBT-48V-300A
24V-72V	380	95	32.9/28.5/14.2/11.4	IGBT-72V-100A
24V-72V	475	119	39.4/34.2/17.0/13.7	IGBT-72V-120A
24V-72V	540	135	46.0/39.9/19.9/16.0	IGBT-72V-140A
24V-72V	600	150	52.6/45.6/22.8/18.2	IGBT-72V-160A
24V-72V	750	188	65.7/57.0/28.5/22.8	IGBT-72V-200A
24V-80V	380	95	36.5/31.7/15.8/12.7	IGBT-80V-100A
24V-80V	475	119	43.8/38.0/19.0/15.2	IGBT-80V-120A
24V-80V	600	150	58.4/50.6/25.3/20.3	IGBT-80V-160A
24V-80V	750	188	73.0/63.3/31.7/25.3	IGBT-80V-200A

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