

# SBO™

SINGLE BATTERY OPERATION

Designed by Aker Wade®, the SBO™ system includes chargers, battery monitoring devices and management software — everything a lift truck fleet needs to eliminate battery changes, increase productivity and go green.

POWER

MONITOR

CONNECT

CONTROL



## *TwinMAX*®

### Fast and Flexible

The TwinMAX® is the only dual port fast charger that allows operators to simultaneously charge two batteries at up to 320 amps each. Operators simply plug in and take their scheduled breaks.

The TwinMAX does the rest:

- Reads the battery's status, including size, voltage, temperature and state-of-charge.
- Automatically optimizes an output profile for each battery.
- Delivers the perfect charge.

The TwinMAX puts you in control of your fleet with the ability to program automatic equalizations and wirelessly upload charger event data.

And with two charge ports per installation, the TwinMAX eliminates the need to change batteries, even for the toughest 24/7 operations.

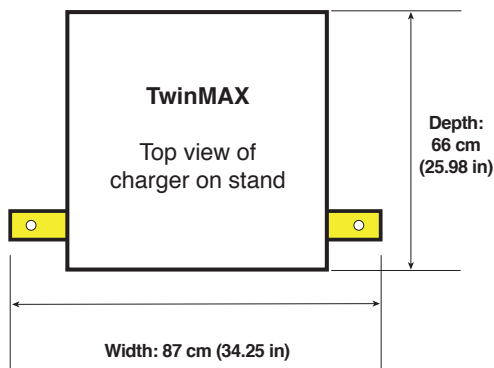


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## TwinMAX®

P Series Charger		TwinMAX		
Model		T7.5P	T10P	T15P
Output Power Per Station (kW )		7.5kW *2	10kW *2	15kW *2
Output Amperage <sup>(A)</sup> per Battery Voltage <sup>(V)</sup>	@ 24v	260	250	320
	@ 36v	170	230	320
	@ 48v	130	170	260
	@ 72v	85	115	175
	@ 80v	80	100	150
Recommended Battery Size (Ahrs)		160-650	200-800	300-1250
Charger AC Input Current (Amps)	400VAC 50Hz, 3Φ	25	35	52
Recommended min AC breaker at 400VAC (amps) <sup>2</sup>		30	45	65
AC Input Voltage	380/400/415/440VAC +/-10% (Tap Selectable) 50/60Hz			
Power Factor @ Max Load	0.95			
Max Efficiency	0.92			
Compatible Battery Type	Lead Acid, Flooded Cell, 24-80V			
Control	Fully Automatic or manual control of charge, finish, and equalization			
Operating Temperature	0C to 40C			
Enclosure	IP11			
Connectors	REMA DIN 320			
Data Capability	Class 1 Bluetooth radio with 100 meter range.			



- 1 "SC" suffix stands for Single Cable DC output that is limited to 320A with the appropriate REMA and APP connectors
- 2 Use Thermal Magnetic Type Breaker or Time Delay Fuse Suitable for Transformer Loads

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