

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® 10/15

Fast and Flexible

The TwinMAX® 10/15 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 10/15 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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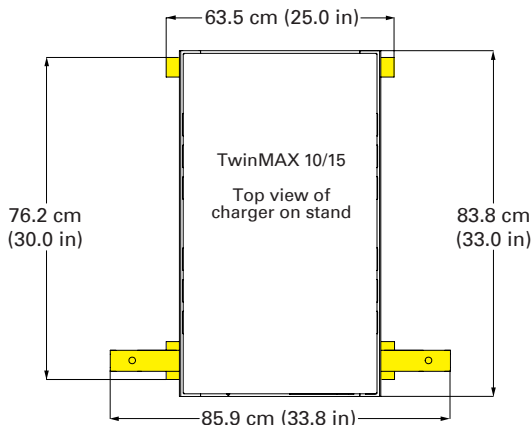
CONTROL

TwinMAX® 10/15

North America (NA)

International (INT)

Model		T 10	T 15	T 10ci	T 15ci
Output Power per Charge Station		10kW	15kW	10kW	15kW
Output Amperage (A) per Battery Voltage (v)	@ 24v @ 36v @ 48v @ 72v @ 80v	250 _A 250/215 _A ² 200/165 _A ² 140/115 _A ² 120/100 _A ²	320 _A 320 _A ² 320/260 _A ² 210/175 _A ² 180/150 _A ²	250 _A 220/200 _A ² 180/150 _A ² 120/100 _A ² 110/90 _A ²	320 _A 320 _A 320/260 _A ² 210/175 _A ² 180/150 _A ²
Input Amperage (A) Requirements per Unit (+/- 10%)	380VAC, 50/60Hz, 3ø 400VAC, 50/60Hz, 3ø 415VAC, 50/60Hz, 3ø 480VAC, 60Hz, 3ø 600VAC, 60Hz, 3ø	— — — 29 _A 23 _A	— — — 43 _A 34 _A	31 _A 30 _A 28 _A — —	52 _A 49 _A 47 _A — —
Recommended Min AC Breaker (NA)¹		30-40 _A	45-60 _A	—	—
Recommended Min AC Breaker (INT)¹		—	—	32-63 _A	32-63 _A
Recommended Battery Size (Ahrs)		200-625	300-800	200-625	300-800
Certifications		UL; cUL; CEC		CE; C-Tick; RoHS	
Power Factor		~0.95 @ max load			
Efficiency		0.92			
Compatible Battery Type		Lead-Acid, Flooded Cell, 24-80v			
Control		Manual to fully automatic control of charge, finish and equalization			
Connectors		EBC320 (DIN 43589-1) or SBX350			
Operating Temperature		0° C to 40° C (32° F to 104° F)			
Enclosure Rating		NEMA 1			
Data Capability		Charge event data uploaded via Bluetooth® or DC Gateway™			
Mass (without stand)		10kW: 209kg (461 lbs) • 15kW: 259kg (571 lbs)			
Dimensions W x L x H (cm)		Charger only: 57.2 x 83.8 x 69.6 • w/stand: 85.9 x 83.8 x 157.5			
Dimensions W x L x H (in)		Charger only: 22.5 x 33 x 27.4 • w/stand: 33.8 x 33 x 62			



- 1 Recommended breaker: motor and thermal magnetic type suitable for transformer load. Recommended fuse: time delay type suitable for transformer load.
- 2 TwinMAX kW sharing: Max current value for one side running / max current is both sides running at full kW output.

North America: 4035 Hunterstand Court
Charlottesville, Virginia, 22911 USA
+1-434-975-6001 voice

Europe: Van Alkemadelaan 1072
2597BK the Hague, The Netherlands
+31-70-4159163 voice