

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



UniMAX®

Proven to Perform

The UniMAX® is the ideal fast charger for forklifts, reach trucks and pallet jacks, charging a battery at up to 640 amps. Operators simply plug in and take their scheduled break. The UniMAX does the rest:

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

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

And with up to 30kW of power, the UniMAX eliminates the need to change batteries, even for the toughest 24/7 operations.

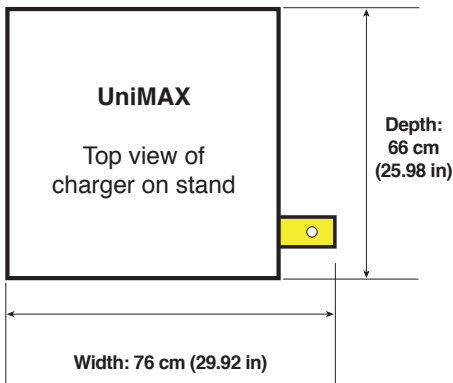


SINGLE BATTERY OPERATION

POWER	MONITOR	CONNECT	CONTROL
--------------	----------------	----------------	----------------

UniMAX[®]

P Series Charger		UniMAX						
Model		U7.5P	U10P	U15P	U20P	U20PSC ¹	U30P	U30PSC ¹
Output Power Per Station (kW)		7.5kW	10kW	15kW	20kW	20kW	30kW	30kW
Output Amperage ^(A) per Battery Voltage ^(V)	@ 24v	260	320	320	500	320	640	320
	@ 36v	170	230	320	460	320	640	320
	@ 48v	130	170	260	340	320	520	320
	@ 72v	85	115	175	230	230	350	350
	@ 80v	80	100	150	200	200	300	300
Recommended Battery Size (Ahrs)		160-650	200-800	300-1250	400-1250	400-1250	600-1600	600-1600
Charger AC Input Current (Amps)	400VAC 50Hz, 3φ	12	17	25	35	35	52	52
Recommended min AC breaker at 400VAC (amps) ²		15	20	30	45	45	65	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

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

Europe: Van Alkemadealaan 1072
2597BK the Hague, The Netherlands
+31-6-53341818 voice