

REVOLUTION X HIGH FREQUENCY CHARGER

CONVENTIONAL, OPPORTUNITY AND FAST MODULAR CHARGERS

REVOLUTION X is the latest series of innovative high frequency battery chargers that incorporates cutting edge **modular power design** that delivers peak efficiency greater than 93%.

Power Designers Sibex engineers and manufacturers its own control boards, power modules and battery monitors in-house resulting in unparalleled quality control - resulting in the most reliable battery charger in the industry.



Modular architecture that is **flexible** and **scalable design**

Plug-and-play solution, allows charger to easily satisfying existing forklift configurations

Multi-voltage 2.04 kW power modules, that can be combined to produce over 49 kW output

Compatible with **Lithium Ion, Lead Acid, VRLA** and other battery types



INNOVATIVE MODULAR ARCHITECTURE WITH LONG-TERM SAVINGS

- Charger comes pre-programmed
- Available w/AC cords/plugs
- No Primary Module
 - Power Modules deployed randomly
- Power Limiting During Peak Hours
 - Delayed Start Option
- Built-in Desulfation Cycle
- Active Arc Reduction Technology
- Filterless Design
 - No Quarterly Maintenance
- Smart Equalize
 - Charger follows up a missed equalization on the next charge cycle and will continue to complete the cycle until finished
- 5 Year Warranty includes parts, labor and travel
- Easy Serviceability
 - Only 4 Replaceable Parts

THE RIGHT CHARGER SOLUTION FOR YOUR APPLICATION

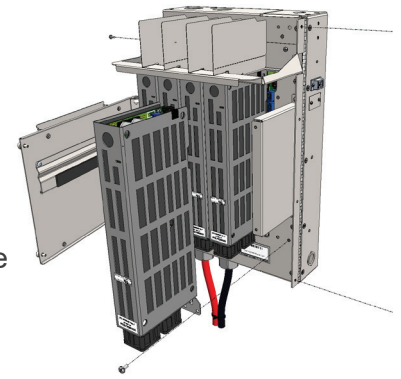
UNMATCHED ENERGY SAVINGS

- Highest charging efficiency throughout the entire charge cycle
- Lowest energy costs related to battery charging
- Latest generation MOSFET power conversion technology + CEC Compliant

COST EFFECTIVE WITH LONG TERM SAVINGS

- Single cable outputs for up to 425 amps; 500amps w/ REMA640
- Eliminates the need to replace chargers as your lift truck/battery fleet changes in the future
- PowerCharge.Net monitoring system option allows you to collect and analyze fleet utilization information from a single location, optimizing your cost savings

REVOLUTION X charger, combined with the PowerTrac 3, has the ability to be Multi-amp, Multi-voltage (24/36/48/72/80) , allowing the charger to automatically recognize and charge multiple lead-acid & lithium batteries and amp hour capacities.



REVOLUTION X SERIES CHARGER SPECIFICATIONS

480VAC, 3-PHASE $\pm 10\%$

Charger kW Rating	4	6	8	10	12	14	16	18	20	22	24	27	29	31	33	37	39	41		
Number of Modules	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	18	19	20		
24V/36V	24V/36V Single DC Connector Chargers																			
	5X	90	135	175	225															
	8X				225	270	315	350												
	12X							360*	400/405*	425/450*	495*									
	24V/36V Dual DC Connector Chargers																			
	12X							360	405	450	495	540								
	16X									450	495	540	585	630	675	700				
24V/36V/48V	Single DC Connector Chargers																			
	5X	68	102	136	170															
	8X				170	204	238	272												
	12X							272	306	340	374*	400/408*								
	16X											408*	425/442*	476*	500*					
	Dual DC Connector Chargers																			
	12X									340	374	400								
16X									340	374	408	442	476	510	544					
24X																612	646	680		
72V/80V	Single DC Connector Chargers																			
	5X	40	60	80	100															
	8X				100	120	140	160												
	12X							160	180	200	220	240								
	16X											240	260	280	300	320				
	Dual DC Connector Chargers																			
	16X											240	260	280	300	320				
AC Breaker			5X: 20A		8X: 30A		12X: 50A		16X: 60A		24X: 80A									
Max. Input Current			5X: 14A		8X: 22A		12X: 34A		16X: 45A		24X: 56A									
User Interface			LCD/Keypad																	
Dimensions (WxDxH)		5X: 12.5." x 8.5" x 20.25"				8X: 18.5" x 9.5" x 21"				12X: 26.5" x 9.5" x 21"				16X: 22" x 10" x 48"				24X: 30" x 10" x 48"		
Weight		5X: ≤ 68 lbs		8X: ≤ 95 lbs		12X: ≤ 154 lbs		16X: ≤ 233 lbs		24X: ≤ 300 lbs				* Dependant on UL Certified Connector						

Your Complete Power
Solution Provider



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