

600V H-SERIES

Modular High Frequency Charger

For Conventional, Opportunity and Fast Charging Operations

cUL

The 600V H-Series expands on our proven 480V models, bringing the latest REVOLUTION X technology to a broader range of applications. With a high-frequency modular power design, it delivers peak efficiency above 93% in a compact and reliable package.

Engineered and manufactured in-house, our control boards, power modules, and battery monitors ensure unmatched quality control. The result is the most dependable and efficient battery charger in the industry.



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

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

Multi-voltage 2.04 kW power modules, that can be combined to produce up to 490 amps

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



INNOVATIVE MODULAR ARCHITECTURE WITH LONG-TERM SAVINGS

- Filterless Design
 - No Quarterly Maintenance
- Charger comes pre-programmed
- Power Modules deployed randomly
- Power Limiting During Peak Hours
 - Delayed Start Option
- Built-in Desulfation Cycle
- Smart Equalize
 - With PowerTrac, the charger completes any missed equalization on the next charge cycle and continues the charge cycle until finished.
- 5 Year Warranty includes parts, labor & travel
- Easy Serviceability
 - Only 4 Replaceable Parts

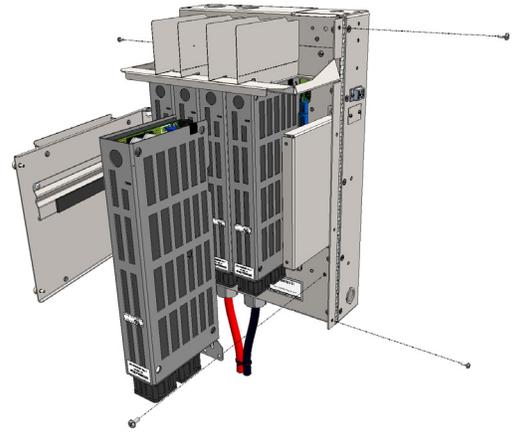
THE RIGHT CHARGER SOLUTION FOR YOUR APPLICATION

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 compliance available

COST EFFECTIVE WITH LONG TERM SAVINGS

- 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 H-SERIES CHARGER SPECIFICATIONS

cUL 600VAC, 3-PHASE ± 10%

Charger kW Rating	4	6	8	10	12	14	16	18	20	22	24
Number of Modules	2	3	4	5	6	7	8	9	10	11	12
24V/36V											
Single DC Connector Chargers											
5X	90	135	175*	225*							
8X				225	270*	315*	350*				
Dual DC Connector Chargers (Euro A320 only)											
12X							360	405	450	470	490
24V/36V/48V											
Single DC Connector Chargers											
5X	68	102	136	170							
8X				170	270	315	350				
12X							272	306*	340*		
Dual DC Connector Chargers (Euro A320 only)											
12X								306	340	374	408
72V/80V											
Single DC Connector Chargers											
5X	40	60	80	100							
8X				100	120	140	160				
12X							160	180	200	220	240
96V											
Single DC Connector Chargers											
5X	34	51	68	85							
8X				85	102	119	136				
12X							136	153	170	187	204
AC Breaker				5X: 15A	8X: 25A	12X: 35A					
Max. Input Current				5X: 11A	8X: 18A	12X: 27A					
User Interface	LCD/Keypad										
Dimensions (WxDxH)	5X: 12.5" x 10.5" x 20.25"			8X: 18.5" x 10" x 20.25"			12X: 26.5" x 10" x 20.25"				
Weight	5X: ≤ 71 lbs			8X: ≤ 100 lbs			12X: ≤ 161 lbs				

* Dependent on cUL Certified Connector and Cable Size

Your Complete Power Solution Provider



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