

PowerCharge XP

MODULAR HIGH FREQUENCY CHARGER

Sustainability

- + Extend battery life
- + Eliminate extra batteries
- + Reduce the need to purchase multiple chargers through flexible & reconfigurable design

Maximize Energy Savings

- + Reduce energy costs
- + Increase energy efficiencies
- + Avoid peak power demand penalties
- + Chargers can be programmed for limited or no use during peak hours.

Critical Information at your Fingertips When Combined PowerCharge.NET*

- + Remote monitoring delivered with minimal infrastructure costs
- + Quick access to custom reports & charts
- + Efficiently manage battery charging & use
- + Optimize fleet deployment and usage



The PowerCharge XP Series is a line of intelligent, high frequency, and modular chargers for electric forklift trucks and vehicles.

Designed to meet the growing fast charging demand of motive power batteries, the PowerCharge XP was the first patented modular fast charger on the market. The modular design offers high availability, simpler installation and service, and greater flexibility and scalability for building and expanding any fast charger system.



powercharge
battery charger

Features

- + Modular drawer design
 - Flexible scalability and configuration with multi-drawer system
 - Highest availability with continued operation down to last drawer
- + High Frequency MOSFET/IGBT Technology
 - Yields very high electrical efficiencies (lowers energy bills)
- + Easily customizable
 - Chargers can be programmed for any truck or battery
- + High Charging Efficiency (92%) & Power Factor (96%)
- + Integrated Conventional, Opportunity or Fast Charging Capabilities
- + Multi-Voltage, Multi-Capacity & Multi-Chemistry Operation with PowerTrac* Option
- + Integrated peak power management
- + Use the PowerTrac battery monitors to optimize vehicle and battery use as well as manage batteries, chargers, and vehicles remotely through the web-based application, PowerCharge.NET*.



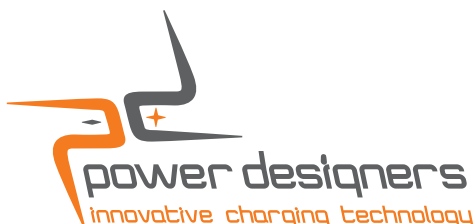
Benefits

- + Lower service and maintenance costs
- + Reduce energy costs by at least 10%
- + Avoid peak power demand penalties
- + Reduce down time

PowerCharge XP Typical Specifications

Models	PCXP-10KW	PCXP-20KW	PCXP-30KW
Input Voltage	400VAC-480VAC, 3-Phase ± 10%		
Input Current	13.8A	27.6A	41.4A
Power Factor	~96% (Active Power Factor Correction)		
Voltage	24V/36V/48V (72V/80V)		
Current	200A (120A) Max	400A (240A) Max	600A (360A) Max
Power	10 kW Max	20 kW Max	30 kW Max
Efficiency	92% at Full Load		
User Interface	LCD/Keypad, Infrared Reader, Optional Ethernet		
Dimensions (WxDxH)	23" x 28" x 34"		
Weight	≈ 160 lbs	≈ 290 lbs	≈ 350 lbs
Output Cables	4/0 Cables	2 Sets of 4/0	2 Sets of 4/0
Certifications	UL and cUL listed		

*PowerTrac and PowerCharge.NET are sold separately.



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