

PowerCharge iHF 10kW

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 iHF is a line of 480V three phase high frequency chargers for industrial electric forklift trucks and vehicles from 24 volt to 80 volt. Designed for conventional, opportunity, and fast charge applications. The PowerCharge iHF features state-of-the-art MOSFET/IGBT high frequency technologies resulting in higher efficiencies, smaller sizes, and lighter weight units. The advanced on-board microprocessor controls incorporate programmable charging algorithms that can be tailored to meet the needs of any battery chemistry including flooded, Gel, and AGM Lead-Acid batteries.



powercharge
battery charger

Features

- + High Frequency MOSFET/IGBT Technology
- + High Charging Efficiency (92%) & Power Factor (96%)
- + Integrated Conventional, Opportunity or Fast Charging Capabilities
- + Multi-Voltage, Multi-Capacity & Multi-Chemistry Operation with PowerTrac* Option
- + Superior Microprocessor Controls
- + Avoidance of peak power demand penalties with fast, programmed charging
- + 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

- + Energy Savings
- + Lowest Energy Costs
- + Small & Light Weight



PowerCharge iHF3 Typical Specifications

Models	PCiHF-10kW-250A-48V	PCiHF-10kW-120A-80V
Input Voltage	400VAC-480VAC, 3-Phase \pm 10%	
Input Current	13.8A rms/phase	
Power Factor	~96% (Active Power Factor Correction)	
Voltage	24V/36V/48V	72V/80V
Current	250A Max	120A Max
Power	10 kW Max	
Efficiency	92% at Full Load	
User Interface	LCD/Keypad, Infrared Reader, Ethernet (Optional)	
Dimensions (WxDxH)	19" x 8.5" x 28"	
Weight	\leq 90 lbs	
Certifications	UL and cUL listed	



*PowerTrac and PowerCharge.NET are sold separately.



Power Designers USA LLC
4005 Felland Drive, Suite 116 • Madison, WI 53718 USA
+1.608.231.0450 • sales@powerdesigners.com • www.powerdesigners.com

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