



Your Complete Power Solution Provider

Power Designers Sibex is a leading manufacturer and developer of industrial power solutions used in electric material handling equipment. Power Designers was the first to develop modular chargers and continues to develop innovation material handling solutions. Power Designers Sibex provides battery chargers for lithium, lead acid and tubular batteries as well as charger accessories and battery monitoring software designed to enhance battery performance while providing customers with cost savings through energy efficiency, reduced capital costs, and improved labor productivity. Power Designers Sibex is positioned to be your total motive power system solution provider.



Technology and Products



REVOLUTION Series High Frequency Modular Charger

The REVOLUTION Series is an innovative line of ultra-high frequency battery chargers that incorporates cutting edge modular power design that delivers efficiencies greater than 90% throughout the entire charge cycle. The REVOLUTION Series chargers has a smaller footprint, lower acquisition costs, easy maintenance, and flexible configurations.



LITHIUM Batteries

PD LITHIUM battery offers an efficient and productive power alternative, with extended run times and excellent charging capabilities. PD LITHIUM batteries are safer, less toxic, and more energy efficient. Power Designers Sibex gives customers a complete lithium battery and charger system, ensuring the maximum degree of efficiency, reliability, convenience and value.



PowerTrac Battery Monitoring

The PowerTrac is a compact electronic device that attaches to your battery to provide you with instant battery diagnostics. The battery monitor tracks and logs various battery performance data including battery voltage, battery temperature, and battery current.



PowerCharge.NET

A web-based remote monitoring and fleet management system. Designed to provide detailed information on batteries and chargers, PowerCharge.NET reduces maintenance and service costs by optimizing fleet deployment and usage, making it easier to manage entire fleets of chargers, batteries, and trucks.



PowerCharge Series

The PowerCharge Series is a complete line of intelligent high frequency and high efficiency chargers designed for conventional, opportunity, and fast charging applications. Modular designs offer greater flexibility and scalability, allowing for high availability and simpler installation and service.

Save Money with Innovative Power Solutions



Optimize Cost Savings

Reduce labor and capital costs

- Eliminate battery change-out

Reduce risks

- No chance of dropped battery
- Eliminate truck accidents by removing need for trucks to converge at a single point.

Maximize Energy Savings

Reduce energy costs by increasing energy efficiencies

- High charging efficiency at 92%
- Avoid peak power demand penalties

Redefine Fleet Management Efficiencies

Collect, analyze, and communicate critical information

- Battery condition information
- Alerts for low water levels, low states of charge, and missed equalization
- Workforce productivity information

Manage entire fleet from a single location with PowerCharge.NET

- Avoid peak power demand penalties
- Manage truck utilization
- Control over and under use of batteries

Real Case Examples

Food Products Service Distributor Saves on Energy and Capital

- 12 trucks total
- Energy cost only 3 cents per kWhr
- \$2,600 per year in energy savings
- \$56,000 per year in labor productivity savings

Global Third Party Logistics Company Optimizes Cost Savings

- Eliminating battery change outs saves \$4,500 per truck annually in change out labor

Global Automotive Manufacturer Right Sizes Fleet to Reduce Capital Costs

- Monthly analysis of battery data
- Manage truck utilization
- Control over and under use of batteries

Large Distribution Center Establishes Battery Management Practices

- Savings of \$700,000 in reduced battery maintenance and replacement costs
- Battery tracking, automatic alerts, and customized reports simplify battery management

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