

Innovative Modular Lithium Batteries

FOR THE MATERIAL HANDLING INDUSTRY



LiTHIUM Features

-  Highest Ampere-Hour Throughput in the Industry
-  Highest Energy Density
-  Longer Run Times
-  Maintenance Free
-  Higher Energy Efficiencies
-  Eliminate Battery Rooms
-  Reduced Operating Costs
-  Emission-Free
-  Increased Productivity
-  Greater Charge Efficiencies
-  Longer Battery Life
-  Seamless Forklift Integration



Your Complete Power Solution

Lithium battery technology is improving the way the industrial motive power market is conducting business. The PD LiTHIUM battery offers an efficient and productive power alternative, with extended run times and excellent charging capabilities designed specifically for the ruggedness of the material handling market. Power Designers Sibex offers a fully plug-and-play solution, satisfying existing forklift configurations.

PD LiTHIUM batteries are safer, less toxic, and more energy efficient with significantly longer cycle life than lead acid batteries. Power Designers Sibex gives customers a complete lithium battery and charger system, ensuring the maximum degree of efficiency, reliability, convenience and value.



PD LiTHIUM Advantages

| | Lead Acid | LiTHIUM |
|--|-----------|---------|
| Watering  | Weekly | Never |
| Equalization  | Weekly | Never |
| Gassing  | Yes | Never |
| Ventilation System  | Yes | Never |
| Acid Spills  | Yes | Never |
| Eye Wash Stations  | Yes | Never |
| Washing  | Yes | Never |

Complete Battery and Charger Package

The PD LiTHIUM batteries takes only up to 4 hours in a 24 hour day to charge which means reduced downtime and no need for extra batteries. In addition, the trucks perform at 100% throughout the entire discharge cycle and can be recharged at any time. PD LiTHIUM batteries do not require cooling down between charging or time for equalization.

PD LiTHIUM batteries are made up of innovative lithium cells that are assembled into engineered modules to provide customers with their required voltages and Ah capacities. With exceptional charging efficiency, the PD LiTHIUM battery allows operators to spend more time moving products, and less time charging.

