



# KRAFT FLUID SYSTEMS

## Lithium Ion Battery Packs By

**LITHIUMWERKS**

THE MOBILE HYDRAULIC EXPERTS

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### **Kraft offers custom Lithium Werks battery modules for reliable, more efficient power**

Kraft Fluid Systems now offers custom lithium ion battery packs using Lithium Werks (Valence) modules to propel electric vehicles and mobile equipment applications, including AGVs, amusement park rides, material handling equipment, forklifts, utility equipment and more.

The lithium ion battery modules offer less weight, increased capacity, and incredible life. When compared to traditional lead-acid batteries, a lithium ion battery is half the weight, delivers three times the usable capacity and 5 to 10 times the life cycle.

In addition, the modules provide fast charging and no change in vehicle performance throughout discharge.

***“Kraft’s Lithium Werks battery modules offer reliable power with a BMS that communicates real-time health of the battery to your vehicle controller, making them the best choice for demanding applications. Lithium Werks batteries offer inherent safety, amazing performance, and significantly longer life cycles than lead-acid batteries.”***

***- Brian Shockey, Regional Manager***

### **Benefits of Lithium Werks Modules from Kraft**

Kraft’s Lithium Werks modules offer key benefits for heavy-equipment applications, including the following:

- Ability to connect modules in series and parallel to achieve desired voltage and capacity, from 24V - 1000V
- Lithium Iron Phosphate (LiFePO4) battery chemistry is inherently safe with many industry certifications
- Proven performance with more than 500,000 modules powering industrial and mobile applications
- Robust Battery Management System (BMS) communicates over CAN to PLC’s, provides accurate State of Charge, and controls battery charger/contactors
- Maintenance free operation
- BMS monitors battery operation and health of each module, so no changing entire pack if problems occur

### **Why Purchase Lithium Werks Modules from Kraft?**

Kraft Fluid Systems is an authorized sales and service center with factory-trained and industry-certified engineers and technicians. We build Lithium Werks battery systems based on customer’s specifications or custom design units based on available dimensions.

You can count on Kraft to deliver a fully-tested battery pack ready for installation and application.

To learn more, call us at (800) 257-1155 or send an email to [contact@kraftfluid.com](mailto:contact@kraftfluid.com).