

Deka[®] **READY** **POWER**[®] **LITHIUM**

Powered by
NAVITAS
SYSTEMS



Ready for Action

Motive Power Batteries





Lithium-ion batteries with high intensity performance that's built right, maintenance-free, backed by East Penn Manufacturing and powered by Navitas Systems.

HIGH PERFORMANCE—*Always Ready*

The Deka Ready Power® is a lithium-ion solution for Class I, II, and III trucks.

- On-demand power
- Long cycle life
- High energy density
- Rapid recharge

DEKA QUALITY PRODUCTS—*Built Right & Supported*

Years of technology development including battery and exclusive Battery Management System (BMS) design ensures a highly efficient and immensely powerful, yet safe product. The Ready Power was built from the ground up with the end user in mind.

- UL Listed for complete product line of 24, 36 and 48 volt batteries (UL2580)
- Exclusively designed Battery Management System
- Data constantly monitored and communicated via Control Area Network to the BMS and to can – compatible chargers
- Deka network service, end-of-life solutions, disassemble ease

THE FIVE QUESTIONS EVERY CUSTOMER SHOULD ASK ABOUT LI-ION BATTERIES

1. How is it built?

Quality and safety are absolutely critical. The Deka Ready Power has been validated to over 50 industry quality and safety checks. It has multiple layers of monitoring, safety, and backup redundancies both in the module and complete unit. In addition, the Deka Ready Power is the first lithium forklift battery system to attain UL listing for its complete product line. Maximum and safe transfer of energy is conducted through rugged copper cabling.

2. Who makes it and services it?

Choosing a company you can trust and support your products needs to be priority number one. Navitas Systems is a world leader in advanced lithium battery systems manufacturing. East Penn Manufacturing is the world's largest single site manufacturer of lead batteries with over seven decades of proven success and experience. Our multiple technology portfolio helps you get the right battery technology that fits best with your operation. All products are supported by an extensive North American Sales and Service network that is factory trained and meets all specialized lithium regulatory requirements.

3. How extensive is its Battery Management System (BMS)?

A BMS is essential to monitor voltage, temperature, and charge. The Deka Ready Power has an exclusively designed BMS device that maintains complete control of the entire system, and optimizes the battery for safety, runtime, and long cycle life. Our BMS is the only one in the market that has passed UL991 and UL1998 standards. To protect its critical functions, the BMS is encapsulated in a rugged, IP-67 sealed housing. Should any fault occur, it will immediately open the contactor providing added safety.

4. What is the End-of-Life solution?

With any energy storage technology, it is critical to be good stewards of the environment for our employees, community, and customers. East Penn is committed to receiving all Deka Ready Power units back at the end of their life for proper disposal.

5. How do I make sure it's right for me?

Evaluating your current and future power needs is critical for success. Contact us today and we'll help you make sure it's right for your unique operational needs and answer any other questions about this exciting product.



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