

Improved IT performance through K2 Energy Solutions Inc. (“K2”) Custom UPS Battery Systems

Lithium Iron Phosphate UPS systems are ready to change the IT industry.

HENDERSON, NV, UNITED STATES, May 29, 2018 /EINPresswire.com/ -- Lithium Iron Phosphate UPS systems are ready to change the IT industry. These significant technological advancements for IT Professionals promise to simplify, save, and secure large systems with custom sized rechargeable Lithium Iron Phosphate batteries.

K2 Energy’s UPS systems are [ready to be customized](#) to the specific layout, power, and needs of the IT world. Once in place, these systems promise much less upkeep and effort to maintain, thus simplifying the UPS power requirements and allowing focus on other parts of the system.

K2 Energy’s Lithium Iron Phosphate Systems save money over their lifetime with much deeper depth of discharge and overall battery lifespan giving thousands more cycles over traditional lead acid. Optimum power management through a BMS control module allows for integrated Grid-Sharing and Peak-Shaving applications which increase efficiency.

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Eric Villarreal

Thermal and chemical stability concerns of Lithium batteries were previously what made IT Professionals anxious when looking at integrating these powerful rechargeable systems. However, K2 Energy’s Lithium Iron Phosphate patented chemistry is inherently safe [technology](#) that prevents thermal run-away explosions and propagation. K2 Energy’s safe systems have been successfully put to the test time and time again for the US Department of Defense, Aerospace missions, and Medical application customers where safety and reliability are paramount.



“IT Professionals will be able to improve and innovate in a new way with our batteries and chemistry.”

K2's Director of Engineering Eric Villarreal said, "We're looking forward to the powerful solutions we can implement together for new and growing technology needs." Villarreal continues, "IT professionals can gain a unique advantage by implementing these systems, and K2 is ready to build them."

K2 Energy is a leading developer and producer of Lithium Iron Phosphate cells, batteries, and systems used in advanced medical, industrial, and military applications. K2's world-class team of scientists and engineers has extensive experience in all aspects of energy storage design, systems integration, manufacturing, support testing and quality control. Our knowledge base encompasses from the [cell, to pack, and system level](#) while being able to optimize battery solutions to achieve customer goals.

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