

K2 Energy Solutions Inc. (“K2”) completes their new 2U Battery Rack System with UEC Electronics LLC. (“UEC”)

Designed for UEC’s HEROS program to fit a standard 2U rack to supply up to 120 Amps and 384V for 74 Ah.

HENDERSON, NV, USA, April 26, 2018 /EINPresswire.com/ -- [K2 Energy](#) has completed their first 2U Battery Rack System for [UEC Electronics](#). This modular and expandable battery system is designed for UEC’s HEROS program to fit a standard 2U rack and can supply up to 120 Amps and 384V for 74 Ah.

The UEC 2U Battery Rack System has two types of modules. The first is a primary control module that offers easy access front data connectors and power connection. The primary control module is protected by an internal fuse and has a powerful battery management system designed and developed by K2. The second module is the battery module that allows for customizable amounts of power storage. Each battery module is protected with internal fuses and has cell monitoring boards that have voltage and temperature sensing as well as balancing.



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K2 Energy is proud to be the sole supplier of Lithium Iron Phosphate products to UEC to provide energy storage supporting our troops and utilizing hybrid / renewable energy technologies.”

George Chesonis

“UEC Electronics has been integrating portable energy solutions for the Marines and is transitioning to service the Army as well.” K2’s Business Development Manager George Chesonis explains, “UEC’s involvement in supporting hybrid and renewable energy systems is critical to support our military with the GREENS and MHEPS Programs, and with this energy storage system specifically, the HEROS program.” Chesonis continues, “K2 Energy is proud to be the sole supplier of [Lithium Iron Phosphate](#) products to UEC to provide energy storage supporting our troops and utilizing hybrid / renewable energy technologies. K2 is committed to providing

the latest and greatest cell and battery technology to our longstanding partner UEC Electronics.”

UEC Electronics offers comprehensive solutions in engineering design, product development, rapid prototyping and lean innovative manufacturing services. They are a global provider of innovative energy and electrical system solutions focusing on high quality and technological superiority. UEC

partnered with K2 Energy, together provide leading edge technology in the Lithium ion energy storage market. There are powerful solutions available from this world class team of scientists and engineers with extensive knowledge and experience in all aspects of energy storage design, systems integration, manufacturing, support testing and quality control.

K2 Energy offers turnkey solutions while utilizing a strong engineering knowledge base encompassing the cell to pack and system levels while being able to optimize battery solutions to achieve customer goals. K2 Energy was founded in the growing technology hub of Henderson, Nevada in 2006, and is a leading developer and producer of Lithium Iron Phosphate batteries, which are used in many advanced medical, industrial, and military applications as well as powering a variety of electric vehicles. K2 produces both energy-optimized and power-optimized products, which have a multitude of consumer, product, safety, and environmental benefits.

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