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K2 Energy Expands “Next Generation Ultra Line” to Include High-Capacity Energy Cells and Packs

HENDERSON, Nev. – After unveiling the power cell in the K2 Ultra Line last month, K2 Energy, a leader in research, development and production of Lithium Iron Phosphate (LFP) batteries, has expanded the Ultra Line to include lightweight, improved capacity energy cells.

The Next Generation Ultra Energy Cell, available in two form factors, the 3.3 volt, 1.7 amp hour 18650UE and the 3.3 volt, 3.7 amp hour 26650UE, will offer customers increased energy capacity in the same cylindrical format as previous generation cells, allowing for more energy storage and discharge capability while using fewer cells than previous models. In comparison to other energy cells, K2 Energy has increased the discharge capacity of the Ultra Energy Cells by 15 percent without compromising the battery’s cycle life, safety or power handling capabilities that are customary with the company’s proprietary K2|LiFePO₄TM chemistry.

“With the introduction of Next Generation Ultra Line and this new energy cell, we’ve once again shown that K2 is the industry leader in Lithium Iron Phosphate technology, creating some of the best products on the market,” said K2 Energy Chief Technology Officer (CTO), Dr. Jim Hodge.

Next Generation Ultra Energy Cells can be used in a wide variety of applications, including: emergency lighting backup or backup power; electric vehicles; solar energy storage and backup; computer server backup; and military backup applications including microgrid energy storage. And, as is standard with all of K2 Energy’s products, this line is built with K2’s proven LFP technology, resulting in a safer, longer lasting, more environmentally sustainable product than conventional batteries.

“We are striving to engineer the best products on the market that will provide our customers the technology that best suits their needs,” said Hodge. “With the introduction of the Ultra Energy Cell, we can offer our customers a smaller, lighter, more cost-effective product that will fit all of their application requirements.”

For those interested in purchasing a Next Generation Ultra Energy Cell, or to find more information, visit www.K2Battery.com.

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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 and military applications and for powering electric vehicles. The company produces both energy-optimized and power-optimized products, which have a multitude of consumer, product, safety, and environmental benefits compared to traditional lead acid batteries. Recently, K2 has cemented its status as a leader in the field with its work on prestigious projects including powering the [Blue Origin New Shepard](#) space vehicle to orbit and being named the sole source battery provider for the Naval Sea Systems Command’s [\(NAVSEA\) electromagnetic railgun](#). K2 has received multiple awards recognizing its business and technical achievements.