



For Immediate Release

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New Farasis Battery Technology Reduces Replacement Rates and Extends Flight Times in Commercial UAV Applications

Hayward, Ca. – September 13, 2016 – Farasis Energy, Inc. has introduced a new lithium-ion battery product line for Commercial Unmanned Aerial Vehicle (UAV) applications that will extend time in the air through increased energy density, extend cycle life to minimize battery replacement rates, and will allow for easier commercial air travel and storage through its modular design.

“Many UAV batteries on the market today are prone to failure, as well as short runtimes and service life due to poor energy density and construction,” says Thanh Nguyen, vice president of sales and marketing, Farasis Energy. “The new Farasis lithium-ion pack increases uptime and productivity, and ultimately reduces lifetime ownership and operating costs thanks to aggressive technology and quality heavily influenced by the demands found within the electric automotive industry. UAV owners should also see an exponentially longer service life than UAV battery solutions on the market today.”

Farasis Energy scaled many of the design and construction elements that have made it a leader in the global electric vehicle market into a modular package that is practical for today’s Commercial UAV owners or fleet managers. Farasis is introducing the first pack (22.2V 10,000mAh) with a continuous discharge of 50A/5C and a peak discharge of 100A/10C. The combination of high energy density and power helps guarantee performance and ensures that the UAV pilot spends more time flying the aircraft than switching out and servicing batteries.

The battery pack can also be broken down into three separate 74 Wh modules when traveling to meet the TSA requirement that all carry-on lithium-ion batteries remain below 100 Wh, saving time and shipping costs for the UAV owner.

“This is an industry that has continually tried to ‘make do’ with both the commercial and consumer UAV batteries available today,” says Nguyen. “These new packs leverage automotive-influenced technology, are purpose-built for this application and will significantly lower total UAV owning and operating costs over the life of the unit.”

The company also announced that this was the first phase of a new product offering to this market, with the next development phase set to focus on fleet management and performance characteristics associated with UAV battery technology.

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Farasis Energy, Inc. develops and manufactures advanced lithium-ion cells, modules, and large battery systems that empower innovations in multiple applications across markets including commercial, transportation and grid storage.

The company is committed to achieving sustained growth and profitability by helping its customers optimize product design and maximize energy density with an emphasis on safety.

Founded in 2002, Farasis employs more than 1,000 people worldwide and maintains a corporate headquarters and research center in Hayward, CA, and large-scale manufacturing facilities in Asia.

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Farasis UAV Battery