For Immediate Release

For more information

Bill Elverman
Incite Strategic Marketing, LLC (Agency)
262.757.5803
bill@incitellc.com

Thanh Nguyen
Farasis Energy, Inc.
608.216.5098
tnguyen@farasis.com

New Farasis Battery Technology Extends Electric Vehicle Range, Power and Service Life

Company expands expertise in lithium-ion technology to provide premium battery solutions for broad range of electric vehicle/asset applications.

Hayward, Ca. – September 13, 2016 – Farasis Energy, Inc. has introduced a new lithium-ion battery cell that provides increased energy density (longer range), greater power, improved cooling technology and longer service life. The new technology allows OEMs to build added power and range into their products without increasing the footprint or altering design infrastructure to accommodate larger batteries.

The new 32 Ah pouch cell provides an industry-leading combination of energy density, power and cycle life. The cell, which increases energy density and capacity by 10 percent over previous Farasis designs, is capable of continuous discharge at a 4C rate with a peak of 10C. Practical applications include electric vehicles, electric motorcycles, material handling, robotics and grid storage.

“This new design provides a balance between power and energy density not found in other batteries,” says Thanh Nguyen, vice president of sales and marketing, Farasis Energy. “With many solutions on the market, OEMs make a decision to sacrifice one or the other while building the design around the cell. With the new cell technology from Farasis Energy, they can achieve the best of both worlds – that strong ‘off-the-line’ power and the extended range afforded by greater energy density.”

The new cell technology also does not require a complex cooling system and, in some applications, no cooling at all. This helps the OEM incorporate Farasis technology with very simple cooling technologies that further help minimize the overall footprint, weight and infrastructure within the vehicle's design.

"In a recent application, we improved overall capacity by almost 20 percent and reduced the footprint by 25 percent," says Nguyen. "While every application is different, this is the advantage the new cell technology offers OEMs – users can deliver the same performance in a smaller footprint, or greater performance in a comparable footprint."

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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.

For more information, please contact Mr. Thanh Nguyen, Farasis Energy, Inc., 21363 Cabot Blvd., Hayward, CA 94545; Tel: (510) 732-6600; Email: tnguyen@farasis.com; or visit www.farasis.com.

Farasis Pouch Cell