

For Immediate Release:

July 8th 2011



Inspired Energy Products Included on Space Shuttle Atlantis' Last Mission

The launch of STS-135, the last shuttle mission, at 11:29am EST today included Li Ion battery packs built in Newberry FL by Inspired Energy, LLC.

The battery packs are to be used as the power source for a medical ultrasound device which will be used by the astronauts on the International Space Station (ISS) as part of NASA's human research program which assesses the impact of extended periods of microgravity on astronauts. The Ultrasound device is compact & lightweight, about the size & shape of a laptop computer.

"We were extremely pleased to hear that our battery packs would be used on the ISS - especially as they represent our regular production products. It is a testament to our product quality that we did not make a special build, they were selected by our customer from their regular shipments of batteries." Said Lex Jacobs, Inspired Energy's Managing Director.

The 95 watt hour "smart" battery packs were built by Inspired Energy, LLC in our purpose-built facility in Newberry FL and they feature the capability to communicate with the host device - in this case the ultrasound unit - to convey battery monitoring data, state of health, fuel gauging and battery diagnostics.

In use the batteries will power the ultrasound imaging device as it is used in a variety of different applications including:

- General crew health assessment
- Investigation of the weakening of astronauts' heart muscles associated with long-duration spaceflight
- Evaluation of exercise training to minimize loss of muscle, and bone in astronauts
- Assessment of the blood vessels of station astronauts during long-term exposure to microgravity

"The first we knew of the possibility of our products being included on a space mission was when we were contacted by Lockheed Martin; the contractors to NASA for the project." Said Dave Baggaley, Sales & Marketing Director for Inspired Energy, LLC. *"They needed details of the construction of our battery packs to complete their materials analysis prior to the flight."*

Inspired Energy is proud to be able to play a role in the advancement of space exploration and we would like to extend our thanks to our employees and suppliers all of whom contribute every day to create high quality products, built here in the USA, for use in mission-critical applications.

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About Inspired Energy, LLC.

Inspired Energy specializes in the creation of battery packs with built-in electronic intelligence; providing battery monitoring, high-precision fuel gauging, battery diagnostics and battery-to-host communications. In addition Inspired Energy designs and manufactures smart SMBus charging systems.

Clients can pick from a portfolio of existing standard battery designs, or commission a pure custom pack or choose a customized version of a pre-existing battery in order to combine the best of low-cost standard designs with tailored electronic solutions.

Our business of mass-customization employs the principles of just-in-time & lean manufacturing, and all our products are built to order & shipped direct throughout the world from our headquarters in Newberry, north-central Florida, USA.

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