what's new nexergy

Winter 2006

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The new Laboratory allows Nexergy to verify battery pack performance in a wide array of environments.

Nexergy Opens Performance Verification Laboratory

Nexergy unveiled a new Performance Verification Laboratory™ at its corporate headquarters in Columbus, OH, providing advanced capabilities to conduct comparative product research into energy cell properties. Real-time data generated by Nexergy's Performance Verification Laboratory will pinpoint which cells can truly meet the customer's specifications. The newly-constructed facility will be used to carry out extensive testing on a multitude of commercially available battery cells and Nexergy custom OEM battery packs. The new test and monitoring equipment in the facility can simultaneously test cells or batteries in a variety of a typical environments, including extremes of temperature and humidity. The data collected will provide clear, direct comparisons of similar products and help predict a cell or battery pack's performance in demanding environments. The Laboratory can be used to verify the performance of a customer's battery pack designs early in the development process by simulating the expected device power profile prior to building the actual host device prototypes.

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Technical Seminar Series a Resounding Success

Nexergy recently completed their 2006 Portable Power Technical Seminar series, and has labeled the project a success. The seminars, held in multiple cities across the United States, were well attended and well received by the participants. Led by Chris Turner, Director of Battery Technology, Lon Schneider, Director of Product Development, and Phil Glandon, President and CEO, the seminar series addressed many of the technical issues involved in portable power today, including battery cell selection, battery cell validation, lithium safety, battery pack electronics, charging, fuel gauging, RoHS issues, and transportation regulations to name a few. "Technology in the field of portable power is changing very rapidly," said President and CEO Phil Glandon. "By educating engineers on the intricacies relating to performance and safety of their power source, we can give them the information they need to ensure their battery pack and charger operates safely and gives the customer the performance that is expected — time after time."

Zane Zhu, Design Engineer

Nexergy Expands Electronics Design Engineering Team

Nexergy is pleased to announce the appointment of Zane Zhu to the position of Electronics Design Engineer. Mr. Zhu brings to Nexergy more than fifteen years of experience in hardware and software design, with a focus on "smart" batteries and power supplies. In this position, he will oversee all facets of battery pack and charger development in Nexergy's San Diego office, from cell balancing to safety circuitry to fuel gauging. Mr. Zhu holds a degree in Physics from Tianjin University, China, and also holds several certifications from UCLA in fields such as project management and lean manufacturing.

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