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**INFINITE POWER SOLUTIONS ACHIEVES INDUSTRY LEADING DISCHARGE CAPACITY BREAKTHROUGH WITH ITS  
SOLID-STATE, RECHARGEABLE, MICRO-ENERGY STORAGE TECHNOLOGY**

**Demonstrates Single Cell Capacity Exceeding 3mAh in a Small, Ultra-thin Form Factor**

**Littleton, Colo., March 11, 2009**—Infinite Power Solutions, Inc. (IPS), a global leader in the development and commercialization of solid-state, rechargeable, thin-film micro energy storage devices, today announced a major breakthrough by achieving in excess of 3.0 mAh of discharge capacity (exceeding 12 mWh/~43 Joules of energy) within a single cell of its thin-film micro-energy storage technology. Based on initial tests, this equates to 60 times more capacity than other solid-state, rechargeable thin-film batteries (TFBs) available today. This significant energy density improvement was achieved in an extremely thin and compact footprint, roughly the size of a U.S. postage stamp (25.4mm X 25.4mm X 0.17mm). This breakthrough represents another milestone in the company's mission to redefine micro energy storage, while also highlighting IPS' ability to extend its core thin-film micro-energy cell (MEC™) technology with significant capacity gains. Having recently begun pre-production activities for its standard MEC products, IPS is already demonstrating that it will be pursuing an aggressive technology roadmap aimed at continually enhancing the solutions it delivers to customers worldwide.

"Our early-access customers are already taking delivery of our MEC standard products, which deliver industry-leading performance," said Dr. Bernd Neudecker, IPS' chief technology officer and one of the world's foremost experts in thin-film battery technology. "This breakthrough translates directly to achieving even greater performance advantages in future products, as we progress along an aggressive technology roadmap. In addition, we achieved this profound capacity gain by extending our core technology, which is already in commercial pre-production, demonstrating we can continue to meet our customer's future requirements."

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This high capacity benchmark was achieved by optimizing the lithium cobalt oxide layer deposition using a state-of-the-art physical vapor deposition (PVD) process. While commonly referred to within the industry as a thin-film battery, IPS' thin-film MEC technology is truly unique and represents a new class of energy storage device. These MECs are ideal for remote, permanently powered microelectronics compared to traditional rechargeable micro-batteries and capacitors. Moreover, IPS' technology is ideally suited for use with all forms of ambient energy harvesting techniques for recharging—such as solar, thermal, RF, magnetic and vibration energy—delivering a safe, reusable and clean power source that will last the lifetime of today's electronic devices and systems.

Dr. Neudecker credits the IPS technology development team, led by Alexandra LaGuardia, with today's breakthrough. According to LaGuardia, "Achieving such a high capacity in a single cell promises to extend the run time for a countless number of electronic devices, and simplifies the design to use fewer cells. Run times would be five times longer than our current standard cells. Moreover, this technology allows for cell stacking to form battery modules in order to realize even greater capacity advantages."

Today's news follows on IPS' announcement last month that it began shipping to its early access customers its THINERGY™ thin-film MECs from its new Littleton, Colo.-based 36,000 square-foot-facility, which is the world's first, and only, volume manufacturing facility for solid-state thin-film batteries.

IPS will be exhibiting at the Embedded Systems Conference (Booth #1643), which will be held March 30 – April 1 at the McEnergy Convention Center in San Jose, Calif. Editors interested in meeting with IPS executives during this time are encouraged to contact Marie Labrie at MCA, via email at [mlabrie@mcapr.com](mailto:mlabrie@mcapr.com).

***About Infinite Power Solutions, Inc.***

Infinite Power Solutions, Inc. (IPS)—a U.S.-based, clean-technology company—is the global leader in developing, marketing and manufacturing solid-state, rechargeable thin-film micro-energy storage devices for a variety of micro-electronic applications. Founded in 2001, IPS is privately held with corporate headquarters and manufacturing facilities in the western suburbs of Denver, Colo. The company has completed the build-out of the world's first volume manufacturing facility dedicated to the production of its revolutionary thin-film micro-energy cell (MEC™) products (often referred to as thin-film batteries). IPS has recently commenced pre-production activities at this state-of-the-art facility to address growing demand among customers in the wireless sensor, active RFID, powered smart card, medical device, consumer electronics, automotive and civil/military/aerospace markets. Additional information about IPS is available at [www.InfinitePowerSolutions.com](http://www.InfinitePowerSolutions.com).

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