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# Flux Power Introduces New Technology to Increase Usable Energy and Extend the Life of Lithium Battery Systems

ESCONDIDO, Calif., Dec. 20, 2012 (GLOBE NEWSWIRE) -- Flux Power® Holdings, Inc. (OTCQB:FLUX), a fully reporting company and an innovator in durable, scalable, and affordable advanced energy storage systems, today announced that it has developed a technology that intuitively manages advanced energy storage systems to increase cycle life and usable energy while decreasing charging times in wind, solar, back-up power and EV (electric vehicle) applications. This innovative, patent-pending technology will provide Flux's customers with a solution that greatly extends cycle life and enhances the total energy available while decreasing charge times.

As energy storage systems become larger, more sophisticated management platforms need to be developed in order to maximize usage and efficiency. Flux Power's advanced technology provides a new methodology that doesn't simply react to inconsistent voltage conditions, but intuitively manages each cell. The proprietary algorithms of the technology preemptively identify cell metrics to ensure accelerated balancing, charging and adapt the control of each cell in a battery system over time. This feature ultimately widens the total usable energy in a given storage system while providing a significant volume of information at any given point during an individual cell's life.

Paulus Geantil, Flux Power's Director of Engineering and the inventor of this technology commented, "The market and our customers consistently request more granularity of information on the storage demands of their specific applications to maximize the efficiency of their advanced storage system applications. Our new technology will deliver that functionality to them and sets our advanced energy storage systems well ahead of anyone else in the market today."

The key benefit of this technology is its ability to recognize and adapt to the degradation of each cell in a battery pack through a comparative analysis of various perimeters, including the other cells within the battery pack and historical data regarding the cell. This technology can also offer Flux's customer with real cell degradation data while being application agnostic.

"This is a key addition to our core technology as it provides our customers with one of the most robust advanced energy storage solutions available on the market today," said Chris Anthony, CEO of Flux Power. "We are working hard to incorporate this technology into all of our future product releases in order to provide our customers with the critical data they have been requesting."

## About Flux Power

Flux Power designs, develops, and sells cost efficient advanced energy storage systems. Incorporated in October 2009, Flux Power began shipping prototype products in the second quarter of 2010 while continuing to develop its intellectual property portfolio. Currently, Flux Power's product offerings include batteries in various sizes and forms, packaged modules, fully tested and validated advanced energy storage systems and various system accessories. These accessories include: stand-alone battery management, stackable chargers, programming software and display systems. Flux Power sells modular advanced energy storage products through distributors and directly to original equipment manufacturers. These customers benefit from Flux Power's advanced systems technologies, which greatly extend cycle life and improve system performance. For more information visit [www.FLUXpwr.com](http://www.FLUXpwr.com) or email [info@FLUXpwr.com](mailto:info@FLUXpwr.com).

### **Forward-Looking Statements**

*This release contains certain "forward-looking statements" relating to the business of the Company. These forward looking statements are often identified by the use of forward-looking terminology such as "believes," "expects" or similar expressions. Further the forward looking statements involve known and unknown risks and uncertainties that may cause actual results to be materially different from those described herein as anticipated, believed, estimated or expected. Such forward-looking statements include, among other things, regulatory incentives, the development of new business opportunities, and projected costs, revenue, profits and results of operations. Actual results could differ from those projected in any forward-looking statements due to numerous factors. Such factors include, among others, the inherent uncertainties associated with new projects and development stage companies. These forward-looking statements are made as of the date of this news release, and we assume no obligation to update the forward-looking statements, or to update the reasons why actual results could differ from those projected in the forward-looking statements. Although we believe that any beliefs, plans, expectations and intentions contained in this press release are reasonable, there can be no assurance that any such beliefs, plans, expectations or intentions will prove to be accurate. Investors should consult all of the information set forth herein and should also refer to the risk factors disclosure outlined in our annual report on Form 10-K for the most recent fiscal year, our quarterly reports on Form 10-Q and other periodic reports filed from time-to-time with the Securities and Exchange Commission and available on its website ([www.sec.gov](http://www.sec.gov)).*

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