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Flux Power Introduces Versatile 24V Mobile Lithium Storage Solution

Initial Application Delivers Quiet, Cost Effective Energy Storage Solution for the Lighting and Staging Equipment Market

ESCONDIDO, Calif., Dec. 17, 2012 /PRNewswire/ -- 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 enhanced its product portfolio with the addition of a 24V, portable lithium storage solution. The modular packaging, real time monitoring, and rapid recharging capability make it an ideal solution for environments that require mobile or versatile energy solutions, but demand larger capacity output. These new mobile lithium storage units can be used in solar, wind, telecom and peak-shaving applications, though initial applications will be as mobile gas or diesel generator replacements. Flux Power is currently working with another solutions provider to deliver an innovative alternative to gas and diesel generators used in power applications for lighting and staging equipment.

(Logo: https://photos.prnewswire.com/prnh/20121130/LA21636LOGO)

"We are really excited about the potential applications for our new 24V lithium storage solution," said Chris Anthony, CEO of Flux Power. "On site gas and diesel generators make a tremendous amount of noise and pollution. They also offer limited peak power for initial start up in these settings. Our new mobile lithium storage solutions are ideal for meeting on-location lighting and staging power equipment needs and could displace most if not all of gas and diesel generators used in this industry. The 24V product weighs a mere 60lbs and can be recharged in less than an hour."

"Mobile, alternative power solutions are an ideal fit for the needs of the entertainment industry. Finding a solution to replace a standard generator is long overdue. Our cost efficient, modular power boxes can meet the needs of a full day's production and then can be recharged easily and quickly for use the next day. We are excited about getting this immediately into the market," added Anthony.

The new product contains modular 24V/100Ah lithium batteries, each with a total energy output of 2.56kWh lithium iron phosphate (LiFePO4). Three separate 24V/100Ah battery modules feed an inverter to provide AC power at 110v or 220v. While one battery module is powering the inverter the other two modules are on standby or charging until needed. Each 24V module has its own Battery Management System (BMS) which manages, records and maintains the system's performance over time. Real-time data on the health of the cells are reported over a Controller Area Network (CAN) and can be relayed over telematics for remote diagnostics. Each 24V module also includes a Battery Control Module (BCM) which provides state of charge information as well as controlling dynamic charge algorithms to maximize system performance and minimize charge times.

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 or email 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).

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