

Leclanché and Talesun present (high-end) solution for the storage of solar energy

Cooperation on storage technologies bears fruit

Munich, 15 June 2012 - Appearing together at Intersolar 2012 at Stand 246 in Hall A1, the Swiss energy storage systems specialist Leclanché (SIX Swiss Exchange: LECN) and Talesun, a leading international manufacturer of high quality solar cells and modules, present a complete product range for the intelligent storage of solar energy.

Four months after announcing their cooperation, Talesun and Leclanché now present a product range for the efficient production and storage of solar energy. With the HS 3200 battery module, the newly developed HS range offers a high-end storage solution for photovoltaic systems aimed at optimising and increasing private consumption of solar energy.

The ceramic separator developed by Leclanché after 20 years of research guarantees high thermal and electrical safety. The HS 3200 also benefits from this. In particular, the solution is characterised by its high cycle stability which makes an above average battery lifetime possible. As one of the first manufacturers in Europe, Leclanché will begin commercial production for this novel lithium ion battery in July 2012.

Thanks to its lithium titanate technology, the HS 3200 storage module achieves 15,000 charge and discharge cycles with an overall capacity of 3.2 kWh and 100 percent depth of discharge. The lifecycle is thus geared to rooftop photovoltaic systems.

"Our storage system is designed so that the client can meet his storage needs with security and flexibility. In particular, we have paid attention to ensure that the number of cycles is not set too low, allowing the client to place full confidence in the product, even where the demands on the battery are high. This high quality standard is in line with that of the modules of our partner, Talesun, together with whom we are able to provide our client a convincing total package," Dr Ulrich Ehmes, CEO of Leclanché, explains.

This is the second time Talesun has been present at Intersolar Europe. The company, founded in 2010 and present on the German market since 2011, focuses on fully-automated production processes and recently received the VDE Institute Quality Seal as one of the world's three module

manufacturers for its TP660P product line. "I am pleased to have a strong partner at our side with Leclanché. Storage technologies are the key for the success of the energy change and provide interesting opportunities, especially for installers, for new business models," says Joachim Simonis, Managing Director of Talesun Solar Germany GmbH. "It is important to us to be able to satisfy our clients with innovative and high quality products - this also includes a comprehensive service offer. Especially as a young, rapidly growing company, we strive to do lots of things better than our competitors. We let ourselves be measured by our promises."

About Leclanché

Leclanché specializes in the production of tailor-made energy storage solutions. Leclanché's strategy is to expand its position as one of the leading lithium-ion cell producers and solution providers for renewable energy storage systems in Europe. Its initial strategic priority is stationary home electric energy storage applications and expansion into the stationary industrial and grid electricity storage markets. Through participation in research consortia focusing on off-road and automotive applications, Leclanché is positioned to take advantage of new market opportunities.

Through a licensed ceramic separator technology and focus on lithium-titanate technology, Leclanché manufactures large-format lithium-ion cells optimized for safety and cycle-life in a fully automated production process. Leclanché currently operates a fully automated pilot production line with an installed annual production capacity of up to 4 MWh in large-format lithium-ion cells. By the end of the second quarter of 2012, Leclanché expects to commence commercial production at its first mass production line with an installed annual capacity of up to 76 MWh in lithium-titanate cells.

Leclanché was founded in 1909 in Yverdon-les-Bains. Through the integration of a spin-off from the Fraunhofer-Gesellschaft in 2006, the company evolved from a traditional battery manufacturer to become a leading developer and manufacturer of lithium-ion cells in Europe. Leclanché currently employs 120 staff and is listed on the SIX Swiss Exchange (LECN). The company has its headquarters in Yverdon-les-Bains (Switzerland) and production facilities in Willstätt (Germany). For more information, please visit the site of Leclanché: www.leclanche.com.

About Talesun

Talesun is a premium manufacturer of modules and photovoltaic cells operating at the international level for the private and industrial field. The totally automated production site of the company is located in China and represents a surface of 210.000 m² and will reach in 2012 a production capacity of 1,5 GW. Talesun has branches in Shanghai, Munich and San Jose. For more information, please visit the site of Talesun: www.talesun.de.

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