



Saft Li-ion batteries start rolling out to Germany's residential PV market within Bosch's hybrid intelligent energy management and storage solution

- *In a world-first, the Bosch BPT-S 5 Hybrid integrates a solar inverter, an energy management system and Saft Li-ion batteries in a single unit certified and safety tested for domestic installations*
- *The German domestic energy storage market is poised for considerable growth thanks to the country's current market incentive program that rewards self-consumption of solar energy*

Paris, July 24, 2013 – Saft, the world's leading designer and manufacturer of advanced technology batteries for industry, has entered high volume series production of the state-of-the-art lithium-ion (Li-ion) batteries that form the heart of Bosch's BPT-S 5 Hybrid intelligent energy management and storage solution aimed at Germany's fast-growing residential PV (photovoltaic) electricity self-use/self-consumption sector.

The technologically mature, fully commercialized Bosch BPT-S 5 Hybrid system, launched in 2012, is now being delivered in volume at the ideal time to enable domestic PV producers to benefit from the market incentive programme introduced by the German Federal Ministry for the Environment (BMU) in May 2013. With subsidies worth a total of €25 million until the end of the year for eligible, certified decentralised battery storage systems supporting an on-grid PV system, the market potential is estimated at between 8 to 10,000 systems. A key commercial advantage of the Bosch BPT-S 5 Hybrid system is that it is fully certified and safety tested, including the Li-ion batteries, and Bosch already has over 350 installers fully trained and ready to deploy the units across Germany.

In a world-first, the BPT-S 5 Hybrid system integrates a solar inverter, an energy management system and Saft's advanced Li-ion batteries. The system effectively time-shifts the availability of solar power from the periods of peak production to make it available exactly when it is needed. This enables a typical four-person household to achieve self-consumption rates of 80 percent or more. Furthermore, thanks to the combination of intelligent energy management and efficient, maintenance-free energy storage provided by the Saft batteries, no intervention is needed by the householder – all they notice is the reduced energy bills.

"Bosch Power Tec is a pioneer in the field of development of PV storage solutions. The BPT-S 5 Hybrid is a fully integrated system, and in terms of quality, safety and efficiency the industry benchmark. Therefore, Saft with its high quality standards and extensive experience has been the logical choice in this partnership", says Dr. Andreas Stratmann, General Manager of Bosch Power Tec GmbH.

"Saft Li-ion technology proved its capability to meet the performance, reliability and safety needs of domestic users in the Sol-ion project that introduced Li-ion batteries into PV systems on the largest scale ever tested in Europe," says François Bouchon, Director of Energy Storage at Saft. *"Now, with this very important product for Bosch, we are building on the Sol-ion foundation as Saft Li-ion batteries are truly making the transition into the commercial arena."*



PRESS RELEASE

About Saft

Saft (Euronext: Saft) is a world leader in the design and manufacture of advanced technology batteries for industry. The Group is the world's leading manufacturer of nickel batteries and primary lithium batteries for the industrial infrastructure and processes, transportation, civil and military electronics markets. Saft is the world leader in space and defence batteries with its Li-ion technologies which are also being deployed in the energy storage, transportation and telecommunication markets. Saft's 3,800 employees present in 18 countries, its 15 manufacturing sites and extensive sales network all contribute to accelerating the Group's growth for the future. For more information, visit Saft at www.saftbatteries.com

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