



press release
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Saft develops Super-Phosphate™ technology for rigorous defense applications

Super-Phosphate™ technology takes lithium iron phosphate technology to new levels.

COCKEYSVILLE, Md. (November 2, 2009) — Saft, the world specialist in the design and manufacture of high-tech batteries for industry, has expanded its range of lithium technologies with the VL 10V Fe Super-Phosphate™, the highest power lithium iron phosphate cell on the market. These large cells are designed for defense applications, such as U.S. Navy undersea operations, requiring very high power and safe operation.

“Saft’s advanced lithium iron phosphate technology fills a void in the market for high power lithium batteries for use in applications with low abuse tolerance,” said Thomas Alcide, Saft Specialty Battery Group general manager. “Saft’s cells have superior power (W/kg) and a better trade-off between power and energy than standard lithium iron phosphate technology.”

Saft designed and developed the VL 10V Fe Super-Phosphate™ cell capable of producing continuous power of 7 kW/kg, making it the world’s highest power lithium iron phosphate cell.

Compared with standard lithium iron phosphate cells, Saft’s Super-Phosphate™ cell, in addition to its ability to accept very high regenerative charge rates, features proven safety, longer cycle life, better calendar life and a wide operating temperature range, including superior lower temperature performance.

Saft uses a licensed form of iron phosphate developed by scientists at the University of Texas and the cells are being manufactured in the United States.

Saft’s diverse lithium portfolio also includes high power, medium power and high energy solutions. Each of these product lines is designed specifically for applications requiring either power, energy or a combination of both. Saft offers different products for its defense and civilian markets with similar capabilities aimed at the specific requirements and demands of these markets.

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About Saft

Saft (Euronext: Saft) is a world specialist in the design and manufacture of high-tech batteries for industry. Saft batteries are used in high performance applications, such as industrial infrastructure and processes, transportation, space and defense. Saft is the world's leading manufacturer of nickel-cadmium batteries for industrial applications and of primary lithium batteries for a wide range of end markets. The group is also the European leader for specialized advanced technologies for the defense and space industries. With approximately 4,000 employees worldwide, Saft is present in 18 countries. Its 15 manufacturing sites and extensive sales network enable the group to serve its customers worldwide. Saft is listed in the SBF 120 index on the Paris Stock Market. For more information, visit Saft at www.saftbatteries.com.

Press Contacts:

Jill Ledger, Saft Corporate Communications and Institutional Relations Director
Tel.: +33 1 49 93 17 77, e-mail: jill.ledger@saftbatteries.com

Blake Frye, Saft Specialty Battery Group, Director of Marketing & Business Development
Tel: +33 1 49 93 18 31, e-mail: blake.frye@saftbatteries.com

U.S. Press contact: Paige Parker, French/West/Vaughan
Tel.: 919-277-1162, e-mail: pparker@fwv-us.com