



## Saft launches new Xcelion® 56V-LEV battery

- The sixth product in the Xcelion® line, a low-rate energy variant, offers simpler, right-sized configurations for 48V continuous cycling applications requiring lower current.
- Saft's Xcelion batteries offer a high-capacity, low-weight alternative to traditional lead-acid batteries and enable widespread adoption of Li-ion technology to militaries and more.

**Paris, January 21, 2020** – Saft has recently launched a new product in the Xcelion® line, the [Xcelion 56V-LEV](#) battery, designed as a more economical option for low-current, 48V continuous cycling applications, particularly in the defense industry.

This development represents the growth of the Xcelion product line, aimed at offering lower weight, longer life, and greater overall capability and intelligence compared to traditional battery technologies. The Xcelion 56V-LEV battery builds upon the existing and proven technology behind the original Xcelion 6T launched in 2015.

The newer product, the sixth in the Xcelion line, offers a more streamlined design for applications that require continuous cycling and don't need the cranking power required of vehicle applications addressed by the Xcelion 6T. The product has potential for use in uninterruptible power supply (UPS) applications for military, defense ground stations, electric mobility and back-up power storage.

“Our customers requested this more streamlined, affordable option in our Xcelion line, and we are proud to deliver this excellent product in response,” said Annie Sennet, President and CEO of Saft America and Executive Vice President of Saft's Space and Defense division. “The Xcelion 56V-LEV battery retains Saft's usual high quality and high safety standards, which are critical for use in the defense industry—the safety of soldiers is paramount.”

Saft has also launched the Xcelion 6T-E for applications requiring longer run-times (ex. Silent watch missions on military vehicles), the Xcelion 56V for higher voltage applications (which is available in both power and energy versions), and the Xcelion 6T Type 1-A that is designed to meet MIL-PRF-32565 Rev B and provides unsurpassed cold cranking performance and safety. The 41 Ah Li-ion battery is an off-the-shelf solution with a nominal voltage of 26.4 volts and is the only Li-ion battery that meets cold temperature performance requirements (1,100 amps at -18 C° for 30 seconds with no pre-heating and 400 amps at -40 C° for 30 seconds with no pre-heating).

The Xcelion 56V-LEV also includes the same standard safety features that the product line is known for, such as using abuse-tolerant Super-Phosphate® Li-ion technology and a battery management system (BMS). Unlike lead-acid batteries, smart battery features enable communication with the end user which provides information about the battery state of health, state of charge, and other functions.

Saft is exhibiting the Xcelion 56V-LEV battery and the rest of the product line at the [International Armoured Vehicles 2020](#) conference in London Jan. 20 – 23 at booth #B3.



*For more information on the Xcelion® 56V-LEV, click [here](#) and watch our video.*

### About Saft

Saft specializes in advanced technology battery solutions for industry, from the design and development to the production, customization and service provision. For 100 years, Saft's longer-lasting batteries and systems have provided critical safety applications, back-up power and propulsion for our customers. Our innovative, safe and reliable technology delivers high performance on land, at sea, in the air and in space. Saft is powering industry and smarter cities, while providing critical back-up functionality in remote and harsh environments from the Arctic Circle to the Sahara Desert. Saft is a wholly-owned subsidiary of Total, a leading international oil and gas company and a major player in low-carbon energies.

We energize the world. [www.saftbatteries.com](http://www.saftbatteries.com).



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