



Polarium Unveils new LFP BESS: High-Safety, Modular Energy Storage Made Simple

Stockholm, 7 May, 2025

Polarium, a leader in energy storage solutions, is proud to introduce our new All-in-One LFP BESS, a state-of-the-art Battery Energy Storage System designed to reduce costs, enable new revenue streams and accelerate the transition to renewable energy. With a modular design, highest safety standards, and industry-leading installation and maintenance, Polarium's LFP BESS offers a scalable, high-performance solution developed and monitored in the EU.

Developed by leading battery experts, Polarium's All-in-One LFP BESS is a modular and intelligent energy storage solution that helps businesses manage power more efficiently. By storing energy during low-demand periods and using it when needed, the system reduces reliance on expensive grid upgrades and minimizes energy costs. Its peak shaving functionality ensures a more stable and cost-effective energy supply. The new LFP BESS enables users to store renewable energy from multiple sources and participate in grid services, creating new income streams while contributing to a more sustainable energy system.

Some of the key advantages of Polarium's new BESS are short installation time, the smart and flexible remote control capabilities and the end-to-end user experience. The system is delivered pre-assembled in IP55 climate control cabinets with battery modules, inverter, AC interface and controller, significantly reducing time spent on-site. Fleet Management cloud service allows for remote monitoring, configuration, and updates, giving users full control over their energy storage system—anytime, anywhere. The new LFP BESS is optimized for Polarium Cloud services like EMS, fleet management and VPP/aggregation, completing the end-to-end firmware and software in-house development by Polarium.

Safety is a top priority. Polarium's new BESS features small, cylindrical battery cells with superior cooling capabilities, meeting the highest safety standards. The system is developed and monitored in the EU, ensuring cyber security and secure data handling. Additionally, the newly designed modular battery cabinet makes transportation and installation easier, while high-efficiency battery modules deliver enhanced performance and flexibility.

"We are thrilled to introduce Polarium's All-in-One LFP BESS, a solution that not only maximizes energy returns but also supports the growing demand for energy security and the electrification of society," said Peter Wasmuth, EVP Business Area C&I at Polarium. "With its advanced technology, safety features, and scalability, the new BESS is a game-changer for businesses and energy providers looking for a reliable and cost-effective storage solution."

About Polarium

Polarium is a leading energy storage developer. We make energy storage and optimization



solutions built on lithium-ion battery technology for businesses within telecom, commercial, industrial and residential facilities across the world. Polarium was founded in 2015 on the conviction that safe and smart energy storage solutions will be key to empower the transition to a truly, sustainable energy future. We are an impact business contributing to the energy transformation by enabling renewables, electrification and intermittent power supply. Our cutting-edge and easily adaptable modular battery technology enables us to be in the forefront of developing state-of-the-art sustainable energy storage and optimization solutions for today – and tomorrow. Polarium is headquartered in Stockholm, with production in South Africa and Vietnam, and customers across the world.

For media inquiries, please contact:

Peter Wasmuth, EVP Business Area C&I, Polarium

Email: peter.wasmuth@polarium.com

www.polarium.com