

## Exide Technologies introduces Solition Mega Five – a compact 5MWh Battery Energy Storage System for Europe’s Utility and C&I Markets

- **5MWh capacity in a compact 20-foot container – more energy, less space**
- **Liquid-cooled lithium-ion (LFP) system with high energy density for lower cost per MWh**
- **European expertise, secure and compliant – software and data hosted within the EU**
- **One-stop solution: consulting, installation, certification, and service from a single source**

**Gennevilliers, France (30, October 2025)** – Exide Technologies, a leading provider of innovative and sustainable battery storage solutions for automotive and industrial applications, proudly unveils the Solition Mega Five – a next-generation 5MWh Battery Energy Storage System (BESS) designed to meet the evolving needs of utility-scale and commercial & industrial (C&I) customers across Europe.

Engineered for performance, safety, and scalability — both for front-of-the-meter (FTM) and behind-the-meter (BTM) applications — the Solition Mega Five delivers exceptional energy density in a compact 20-foot container, setting a new benchmark for energy footprint efficiency.

### Modular architecture & high performance

The system’s liquid-cooled architecture and high-density modular design enables more energy storage within the same footprint — perfectly aligning with the industry trend toward compact, high-capacity solutions.

With fewer yet larger cells, the design minimizes failure potential, enhances reliability, and reduces total cost of ownership, while advanced Battery Management System (BMS) technology ensures continuous monitoring and optimal system performance. To ensure quality and manufacturing integrity, each cell is inspected during production using X-ray and CT detection technologies.

Exide also offers a tailor-made Skid solution for the Solition Mega Five, a pre-assembled, transportable unit that houses all essential components - such as inverters, transformers, and medium-voltage switchgear - enabling a fast-track installation and seamless integration into existing medium-voltage grid infrastructure while simplifying project planning, permitting, and commissioning for large-scale deployments.

### Key Highlights

- **High Efficiency & Safety:** Up to 95% system efficiency, triple-layer fault protection, and more than 300 safety tests ensure maximum reliability.
- **Compact Power:** 5MWh capacity in a standard 20-foot container – more energy, less space.
- **Smart & Secure:** AI-based diagnostics, EU-developed software, and secure data hosting within the European Union.
- **Versatile Applications:** Ideal for grid balancing, self-consumption optimization, microgrids, off-grid supply, and energy trading.

# Press Release

## European expertise, data security & end-to-end service

Developed and manufactured in Europe, Solition Mega Five combines engineering excellence with data sovereignty. Exide offers a full-service approach — from consulting and project design to installation, certification, and long-term service.

The company's proprietary energy management software is developed and maintained in-house, with all operational data securely hosted on European servers in compliance with EU regulations.

## Meeting market demand

"Solition Mega Five represents a major leap in energy storage — combining performance, safety, and smart design in one compact system," said Malte Schnabel, Product Manager BESS at Exide Technologies.

"This BESS system meets the latest requirements of utility-scale (incl. co-location) and C&I customers. With short delivery times and strong early demand across Europe, we're excited to see Solition Mega Five already making an impact," said Tobias Badelt, Sales Director BESS at Exide Technologies.

To learn more about Solition Mega Five, visit: [Solition Mega Five | Exide](#)

## About Exide Technologies

Exide Technologies ([www.exidegroup.com](http://www.exidegroup.com)) is a leading provider of innovative and sustainable battery storage solutions for automotive and industrial applications. With 135 years of experience, Exide has developed and globally marketed innovative batteries and systems, contributing to the energy transition, and driving a cleaner future. Exide's comprehensive range of lead-acid and lithium-ion solutions serves various applications, including 12V batteries for combustion and electric vehicles, traction batteries for material handling and robotics, stationary batteries for uninterruptible power supply, telecommunication, utility in-front-of and behind-the-meter energy storage and propulsion batteries for submarines and more. Exide Technologies' culture and strategy are centered around recycling, sustainability, and environmental responsibility, reflecting the commitment to being a responsible corporate citizen.

The company has 11 manufacturing and 3 recycling facilities across Europe, ensuring resilience and a low CO2 footprint with a local supply chain. Exide Technologies is committed to superior engineering and manufacturing. With a team of 5,000 employees, the company provides €1.6bn of energy storage solutions and services to customers worldwide, every year.

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