

Think Inside the Box: 5MWh of Smart Storage

Welcome to the future of energy storage with Exide Technologies' state-of-the-art 5MWh liquid-cooled Battery Energy Storage System (BESS), powered by safe and reliable LFP batteries.



Plug-and-play system
with factory pre-set
parameters.



Creating the future – the Exide Technologies way:



Innovation



Reliability



Sustainability



High Performance

SOLITION
MEGA FIVE



**CUSTOMIZED
ENERGY
SYSTEMS™**

Five Megawatts. Zero Compromise.

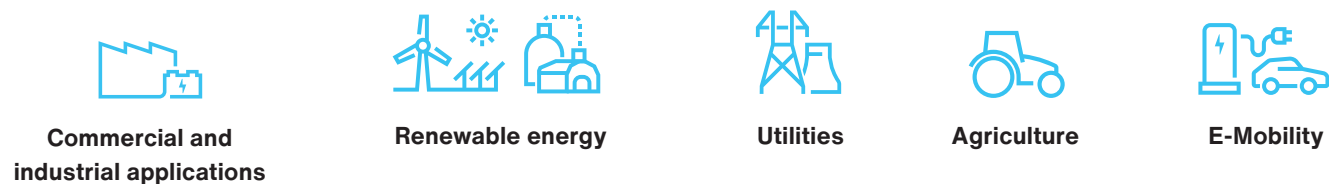
All our experience, knowledge, and expertise are packed into this solution to meet the challenges of today's energy needs. We're taking on the big picture. Energy storage systems are the key factor for the energy transition. Solition Mega combines sustainable energy storage, independence from conventional energy sources and continuity of high power supply with significant monetary benefits.



Get the most out of Solition Mega Five:

- 1 High Efficiency:**
95% system efficiency, and optimized BMS for accurate energy management.
- 2 Simplified Operation & Maintenance:**
AI diagnostics, minimalist design, and reduced maintenance costs.
- 3 Designed and assembled in Europe:**
with energy storage experts and services close to you.

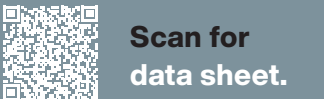
Tailormade for these applications:



Solition Mega Five energy storage systems offer a multitude of benefits when installed in-front-of- or behind-the-meter applications.

In-front-of-the-meter	Behind-the-meter
<p> Frequency stabilization: Provide storage capacity to stabilize grid frequency for financial benefit to ensure grid availability and quality.</p> <p> Energy trading: Profit from short-term imbalances in supply and demand, taking advantage of high price differentials by buying energy at low prices and selling it at high prices.</p>	<p> Off-grid application: Supply your rural area or island with electrical energy without any public grid connection.</p> <p> Micro-grid application: Optimize power sources, storage, and consumers to cut costs and reduce CO₂ footprint efficiently.</p> <p> Peak shaving: Reduce power peaks during operation and avoid high grid fees and expensive grid expansion.</p> <p> Self-consumption: Store surplus renewable energy to lower bills and carbon footprint by using it later for your own consumption.</p> <p> Back-up power: Ensure that your operation runs 24/7, even during blackouts or public grid failures.</p>

Smart, scalable and future-ready.

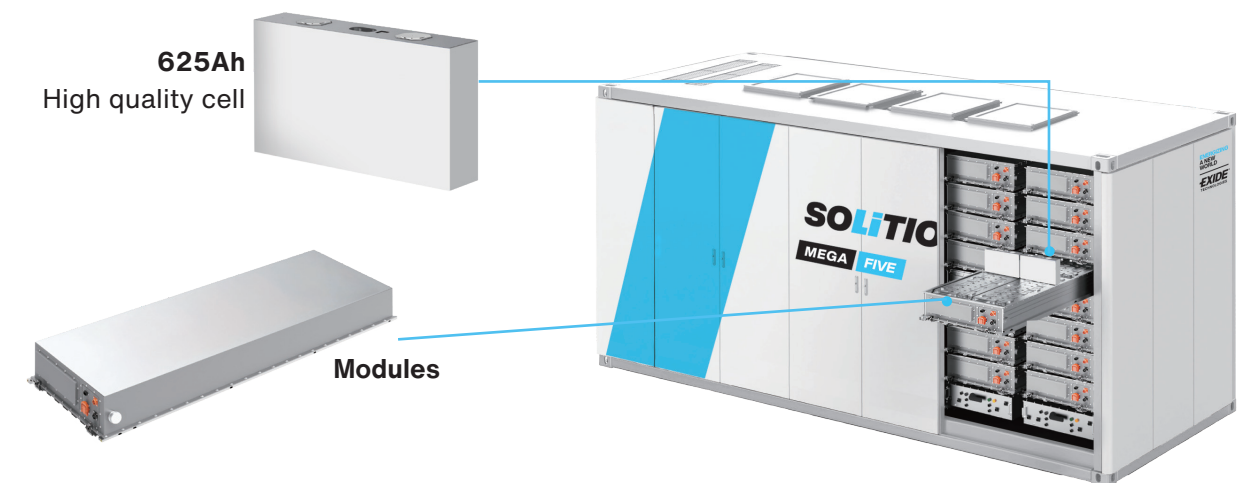


Scan for
data sheet.

The Solition Mega Five is a high capacity 5MWh energy storage system designed for maximum efficiency, safety, and simplicity. With advanced liquid cooling, AI-driven diagnostics, and 95% system efficiency, it delivers reliable performance across all sectors.

For commercial and industrial users, it cuts energy costs and ensures backup power. Utilities benefit from grid stability, spinning reserve, and voltage support. In renewable energy, it stores excess power and smooths fluctuations - unlocking the full potential of solar and wind.

Standard 20HC 5 MWh liquid-cooled Battery Energy Storage System (BESS)



System Safety

The Solition Mega Five is engineered with multi-dimensional safety at its core. From cell design to full system integration, every component undergoes rigorous testing and validation. With 24/7 intelligent monitoring, dual-level control systems, and triple-layer fault protection, it ensures reliable operation under all conditions. Fire and electrical safety are built-in, backed by over 300 performance and safety tests. Whether deployed in commercial, utility, or renewable energy environments, Solition Mega Five delivers peace of mind with proven protection and uncompromising safety standards.

Compact power conversion system with integrated high voltage transformer

A 45-foot pre-assembled, modular unit that includes all necessary components mounted on a frame or platform for easy transport, installation, and integration.

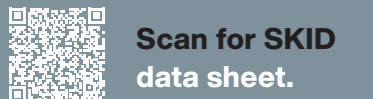
Technical features:

- High power on a small footprint.
- Multi-functional: can be connected to grid voltages of 11 to 33kV.
- Advanced control system: The system comes with an innovative control system that ensures precise control, safe operation and superior energy management.
- Safety guaranteed: We prioritize your safety
- Durable construction: The units are built with a korten steel frame, which offers unmatched durability and resistance to environmental factors, resulting in a long service life.



SKID
available

Designed for direct medium-voltage grid connection of Solition Mega Two and Mega Five.



Scan for SKID
data sheet.

Energy that goes beyond.

- Automotive plant
- Industrial plant
- R&D facility
- Recycling
- Global HQ
- Principle sales offices
+ sales offices and distribution
centers across the world



All manufacturing plants ISO 9001 certified	All automotive plants IATF 16949 certified	All manufacturing plants ISO 14001 certified	All manufacturing plants ISO 50001 certified	Most manufacturing plants ISO 45001 certified
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