

The E/equipment that keeps your fleet running.

Solution Powerbooster – the high energy density,
scalable system for demanding applications –
from EV charging to industrial peak management.



Creating the future – the Exide Technologies way:



Makes material handling easy to handle.

The next generation of the **Solition Powerbooster** marks a major step forward in electrical system evolution. Featuring a modular design and an enhanced capacity of up to 62 kWh, it offers greater flexibility for buffering energy from the grid or renewable sources – helping companies effectively avoid costly peak loads.

Thanks to its advanced LFP cell technology, the system delivers improved safety, longer cycle life, and robust thermal stability, making it ideal for demanding industrial environments.

Planned roadmap capabilities include support for electric vehicle charging during peak demand periods, subject to market availability (for December 2026).

In essence, it's about gaining independence from the public grid, enabling off-grid operation and black-start capability, and removing existing limitations.

Solition Powerbooster makes energy supply simpler, more adaptable, cheaper, and more efficient for modern businesses.

Tailormade for these applications:



Commercial and industrial



Material handling



E-mobility



Agriculture

Solition Powerbooster helps you to optimize your costs:



Peak shaving:

Shave peaks when there are high loads (Machine start-up or EV-charging)



Peak-power supply (energy shifting):

Peak-power supply in combination with fuel-cell, diesel generators and photovoltaic



Charge buffers:

Charge buffers for electric vehicle charging and internal transport



Optimization of grid power usage:

Avoid costs that exceed the contractual electricity limit



Cost optimization:

Reduce contracted grid cost

Smarter software.

We design software that adheres to the highest reliability level as well as meeting industrial standards. The control system communicates with the lithium batteries, converters, accessories, and other equipment to perform optimally over a vast temperature range and an extended duration.

The application software prioritizes processing speed and security, while preserving adaptability. Our autonomous software supports peak shaving applications and solar optimization, while also allowing third-party control without endangering safety features. Moreover, it communicates with the European cloud for logging and reporting, which enables remote servicing and over-the-air updates whenever needed.



The world is changing. That's why we are energizing a new world.

For Exide Technologies, now is the time to release new energies to move even further into the future. Our new claim “**Energizing a new world**” is designed to convey this aspiration. We want to bring change to life, face challenges together with our partners, and develop solutions for today and tomorrow. **Let's create the future – the Exide way:**



Innovation is the engine of technology leadership. That's why we are constantly evolving, remain self-critical, and continue to inspire our customers. We believe that great questions deserve great answers, which is what our innovative R&D is responsible for.



Reliability defines our business. This applies to our products as well as our innovative development work, services, and partnerships. We have a responsibility that doesn't stop with our products, but rather starts there.



Sustainability is an important part of our responsibility. That's why we rely on renewable energy and intelligent recycling concepts.



High performance is the standard we set for our products and services. We want all our solutions to be best in class. This gives our customers the certainty of being optimally equipped for any task.

Be the benchmark.

Exide Technologies is committed to shaping how energy is managed today and in the future. Our goal is to provide future-proof storage systems across all business areas, setting a benchmark in the market.


By leveraging the advantages of lithium-ion technology, our system delivers outstanding efficiency and exceptional durability, while integrating seamlessly into existing energy infrastructures.


Pay or plug-and-play.


The Solition Powerbooster facilitates the electrical evolution. The modular system can be used to buffer power from the grid and therefore avoid peaks that would otherwise cause higher power costs. This battery system can also support the charging of electrical


vehicles during high demand periods with additional power and energy. In summary, it is about independence from the public grid in order to be free from limitations. Solition Powerbooster makes the energy supply for companies simpler, more variable and more efficient.

Benefit from our expertise:


 Fast charging even with limited grid capacity

 Indoor and outdoor solution available

 Plug-and-Play with pre-set parameters

 Future-proof solution

 Compact design and easy installation

 Scalable and flexible – easy to expand

Batteries & system	
Storage capacity	62 kWh
Technology	LFP (Lithium Iron Phosphate)
Nominal power	30 kW
Dimensions (W x D x H)	Indoor: 800 x 1060 x 2333 mm Outdoor: 800 x 1260 x 2333 mm (with HVAC unit on front door)
Weight	± 1000 kg
Scalability & modularity	Parallel operation of up to 10 converters





**Designed and
assembled in Europe**



**Sales and service all
over Europe and MEA**



**R&D based
in Europe**



**The short way
to long-term
thinking.**





Hi density. Hello Powerbooster.



Safer



Longer
cycle life



Recyclable



Robust thermal
stability



Scalable up to
10 units

Introducing: The new Solition Powerbooster



Scan the code for battery details.









High efficiency, compact design, ease of installation. The Solition Powerbooster is the inevitable storage system for an essential range of applications.

The batteries, converters and all additional components are placed in a compact 19" cabinet suitable for indoor use in warehouses, and commercial- or industrial buildings.

Our outdoor version has versatile applications, including charging stations for electric vehicles and peak shaving in industrial settings like harbors, airports, etc.

Main features new Solition Powerbooster:

-  Advanced LFP cell technology
-  High efficiency
-  Compact and scalable
-  Easy installation
-  Energy savings
-  Reliability

The new Solition Powerbooster is perfectly suitable for:



Logistics (Material handling)



Business offices



EV charging

Future-proof your fleet.

The perfect answer to increasing energy needs.

Electrification is growing in momentum and will continue to increase in the future. So demand for electric vehicles (EVs) is rising steadily. As a result, the necessary fast-charging infrastructure is becoming more and more important. This puts pressure on the electricity grid, as the existing infrastructure is often not sufficient to provide the high power required for fast charging EVs. In addition, the official process for approving building applications or increasing grid capacity and infrastructure, is long and cost-intensive.

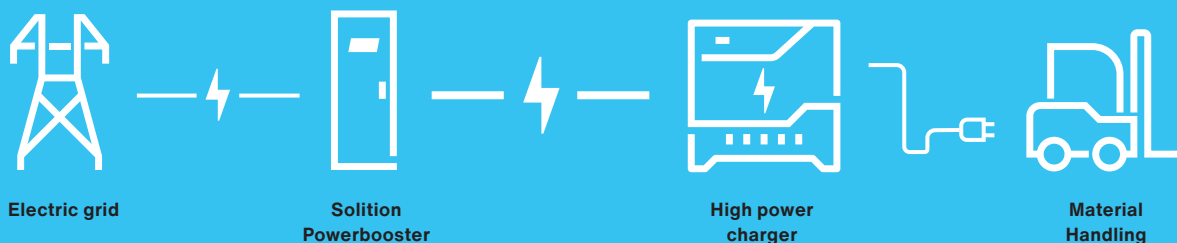
With Solition Powerbooster you have a fast and cost-effective solution for your business. The modular system stores electricity from the grid, to be used at peak times when the capacity limit gets exceeded.

As a technology agnostic, Exide develops the most advanced energy solutions to drive progress forward. With LFP technology, Exide demonstrates once again state-of-the-art products while underlining its leadership in innovation.

How Exide Technologies solves energy demands:

The right solution for every set-up. **The feed-through Solition Powerbooster is a plug-and-play option** for easy integration into your network, while **the feed-in version connects to your switchboard** to manage peak loads. Both versions can also be charged by renewable energy sources.

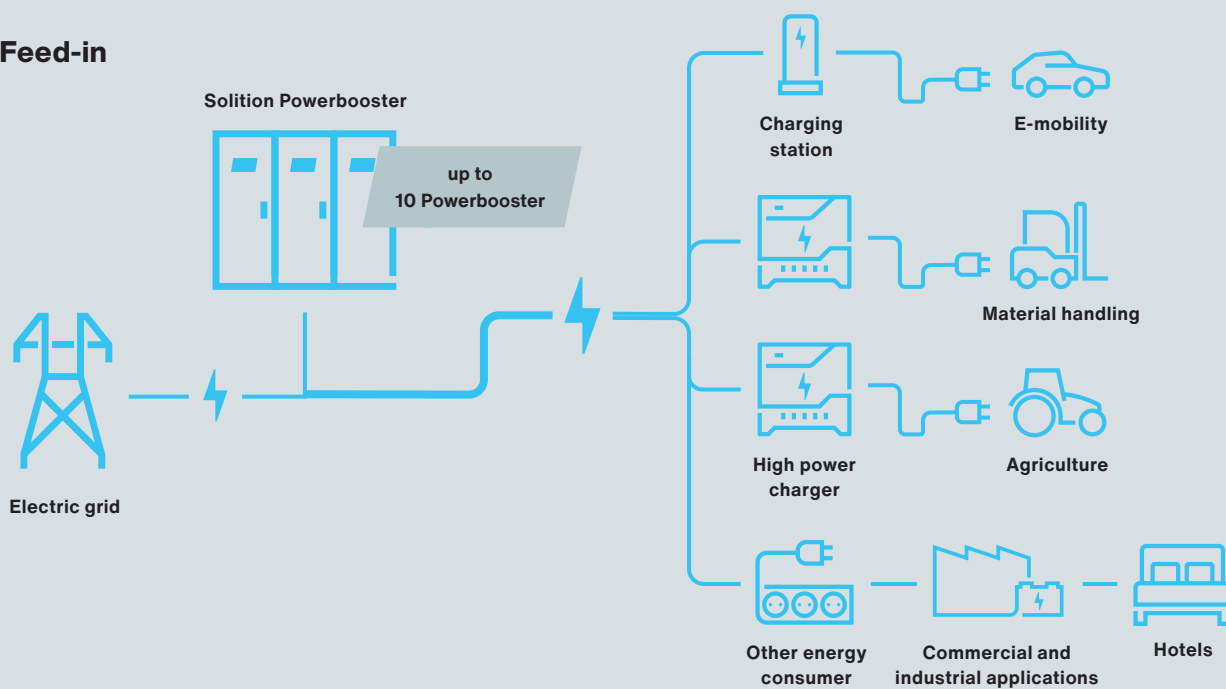
Feed-through



For those leasing a warehouse or hall for fleet operations, the Solition Powerbooster offers an efficient solution. With its simple installation, you can seamlessly increase your grid capacity without additional complications and thus reduce your costs and eliminate extensive negotiations with your landlord about increasing network capacity.



Feed-in



Energy that goes beyond.



- Automotive plant
- Industrial plant
- R&D facility
- Recycling
- Global HQ
- Principal sales offices
+ sales offices and distribution centers worldwide



<p>All manufacturing plants ISO 9001 certified</p>	<p>All automotive plants IATF 16949 certified</p>	<p>All manufacturing plants ISO 14001 certified</p>	<p>All manufacturing plants ISO 50001 certified</p>	<p>Most manufacturing plants ISO 45001 certified</p>
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**ENERGIZING
A NEW
WORLD**

EXIDE[®]
TECHNOLOGIES