

Aiming high but keeping costs low.

Solition Powerbooster is the inevitable storage system for an essential range of applications. Made for the efficient use of renewable energy, the growth of e-mobility and fast peak power shaving with significant cost reductions.



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

Creating the future – the Exide Technologies way:



Innovation



Reliability



Sustainability



High Performance

GNB Industrial Power becomes
E / a division of Exide Technologies
www.exidegroup.com

SOLITION
POWERBOOSTER

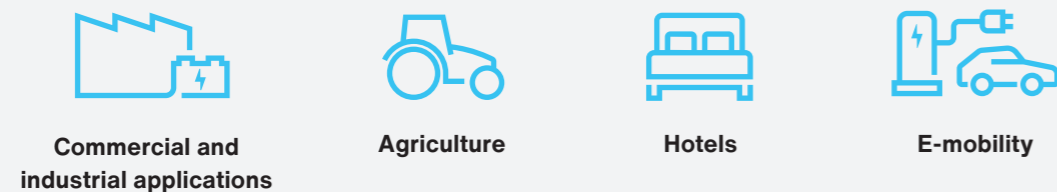
E / **CUSTOMIZED
ENERGY
SYSTEMS™**

It's all about the greater good. And small bills.

Thinking about the big picture and at the same time saving costs in every detail is not a contradiction but a solution. One that proves for how we want to deal with energy today and tomorrow. To serve progressively all relevant business areas with future-proof storage systems is a fact that is already setting a benchmark.

These systems are becoming increasingly important for a variety of commercial and industrial applications, agriculture, hotels and e-mobility. Leveraging the benefits of lithium-ion technology, our system offers outstanding efficiency and exceptional durability, while also providing the added advantage of seamless integration into existing energy infrastructures.

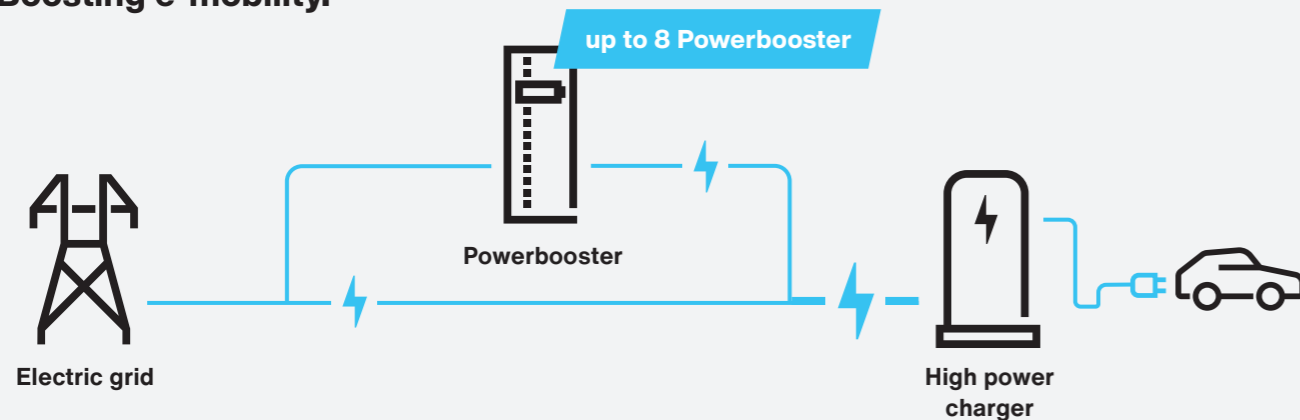
Tailormade for these applications:



Benefit from our expertise:

- Fast charging even with limited grid capacity
- Future-proof solution
- In- and outdoor solution available
- Compact design
- Plug-and-Play with pre-set parameters
- Modular and flexible – easy to expand

Boosting e-mobility.



A perfect match.

In 2021, global player Exide Technologies acquired Ateps Nederland BV, an innovative and dynamic provider of lithium-ion based energy storage systems. Combining innovation and global energy storage expertise, they become **Customized Energy Systems**, thereby offering sustainable energy solutions for future key applications such as time shift, frequency control, peak shaving, energy trading and more.

Pay and pay. Or Plug-and-Play.



Scan for reference.

Solition Powerbooster facilitate the electric 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 to avoid any limitations. With a support that makes businesses easier, more variable and more efficient.

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:**
Peak-power supply in combination with fuel-cell and diesel generators
- Charge buffers:**
Charge buffers for electric vehicle charging with PV-optimization
- Optimization of grid power usage:**
Avoid costs that exceed the contractual electricity limit
- Cost optimization:**
Reduce contracted grid costs

Indoor



The batteries, converters and all additional components are placed in a compact 19" cabinet which is used mainly in logistic halls, commercial or industrial buildings.

Outdoor



Our single, dual and triple outdoor cabinets can be placed outside as well. With an IP55 housing and the attached climatization system it is suitable for outside weather conditions and an extended temperature range. Our outdoor version has versatile applications, including charging stations for electric vehicles and peak-shaving in industrial settings like harbors and mining operations. For bigger systems, up to eight powerbooster racks can be placed in a 10ft container."

Smarter software.

We designed a software that adheres to the highest reliability standards. The control system harmonizes 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 cloud for logging and reporting, which enables remote servicing and over-the-air updates, if required.

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



<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