

Aiming high but keeping costs low.

Solution Powerbooster is made for the efficient use of renewable energy, the growth of e-mobility and peak shaving with significant cost reductions.



Creating the future – the Exide Technologies way:



Innovation



Reliability



Sustainability



High Performance


exidegroup.com

SOLITION
POWERBOOSTER


E / **ENERGIZING**
A NEW
WORLD


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.

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

One that proves how Exide Technologies wants to deal with energy today and tomorrow: Serving all business areas with future-proof storage systems is already setting a benchmark in the market.




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.



Pay and 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.

Solition Powerbooster helps you to optimize your costs:

-  **Peak shaving:**
Shave peaks when there are high loads (Machine start-up or EV-charging)
-  **Charge buffers:**
Charge buffers for electric vehicle charging and internal transport
-  **Cost optimization:**
Reduce contracted grid cost

-  **Peak-power supply:**
Peak-power supply in combination with fuel-cell and diesel generators
-  **Optimization of grid power usage:**
Avoid costs that exceed the contractual electricity limit

Tailormade for these applications:







-  **Commercial and industrial**
-  **E-mobility**
-  **Material Handling**
-  **Construction sites**
-  **Agriculture**
-  **Hotels**



Best practice: The Solition Powerbooster.

This is your go-to energy storage system for diverse applications. It is designed to optimize renewable energy usage, support the growth of e-mobility, and enables fast peak power shaving – all while significantly cutting costs.

Benefit from our expertise:

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

Type	Solition Powerbooster Indoor	Solition Powerbooster Outdoor			Solition Powerbooster Mobile
		Single	Dual	Triple	
Storage capacity:	33 kWh	33 kWh	66 kWh	99 kWh	200 kWh or 400 kWh
Technology:	Li-Ion NMC	Li-Ion NMC			Liquid cooled LFP batteries
Nominal power:	30 kW	30 kW	30 or 60 kW	30 or 90 kW	100 kW
Dimensions:	600 x 720 x 1940 mm	860 x 880 x 1910 mm (inkl. HVAC)	1650 x 880 x 1910 mm (inkl. HVAC)	2540 x 880 x 1910 mm (inkl. HVAC)	200 kW = 2300 x 1450 x 1650 mm 400 kW = 2300 x 1450 x 1900 mm
Weight:	500 kg	600 kg	1200 kg	1800 kg	200 kW = 2200 kg 400 kW = 3950 kg
Scalability:	up to 8x 30 kW / 33 kWh = 240 kW / 264 kWh	Multiple cabinets can be combined as a bigger system			2x 90 kW or 1x 180 kW output, 200 ~ 1000V, OCPP1.6J



For further information
please scan the QR code
to view the data sheet.

Smarter software.

We designed 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 cloud for logging and reporting, which enables remote servicing and over-the-air updates if required.





All in indoor.



High efficiency, compact design, ease of installation. The Solition Powerbooster Indoor 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.

Main features Solition Powerbooster:

-  High efficiency
-  Compact and scalable
-  Easy installation
-  Energy savings
-  Reliability

Solition Powerbooster Indoor is suitable for:



EV charging



Business offices








Logistics (Material Handling)

Outdoor by nature.

Our single, dual and triple Solition Powerbooster cabinets can be placed outside as well. With its IP55 housing and the attached climatisation 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, airports, etc. For more extensive applications, see our Solition Mega ZeroFive 10ft container systems with a capacity of up to 552 kWh and up to 500 kW of power.

Additional features:

-  Weather resistance
-  Robust construction
-  High capacity
-  Durability
-  Low maintenance costs



Solition Powerbooster Outdoor is suitable for:



Outdoor areas

Industrial applications

As mobile as you are.



Introducing: The Solition Powerbooster Mobile



From construction sites to rock concerts and emergency rescue – the Solition Powerbooster Mobile offers a flexible and reliable energy supply, wherever you need it through its standard CEE outputs: 1x 380V125A; 2x 63A, 1x 220V16A, and EV-Charger(s).

It is your ultimate energy solution that delivers robust power without the hassle of generators. Enjoy a silent, green experience while meeting the rising energy demands of zero-emission construction sites and events. Say goodbye to emissions and noise pollution – our innovative technology ensures a cleaner, greener environment.

Additional features:

-  Versatile applications
-  Portable and flexible to use
-  Easy to handle
-  Easy to transport
-  Trailer available separately

Solition Powerbooster Mobile is suitable for:



Construction sites

Events

Vehicle charging & emergency rescue

You will never run out of energy.

Whatever you do.

The **Solition Powerbooster Mobile** is designed to be your reliable partner, effortlessly serving as a power source and EV-Charger when grid power falls short.

With no hidden costs and unparalleled efficiency, it's the smart choice for sustainable energy. Power your projects with confidence and make a positive impact on the planet!



Future-proof your electric vehicle 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.

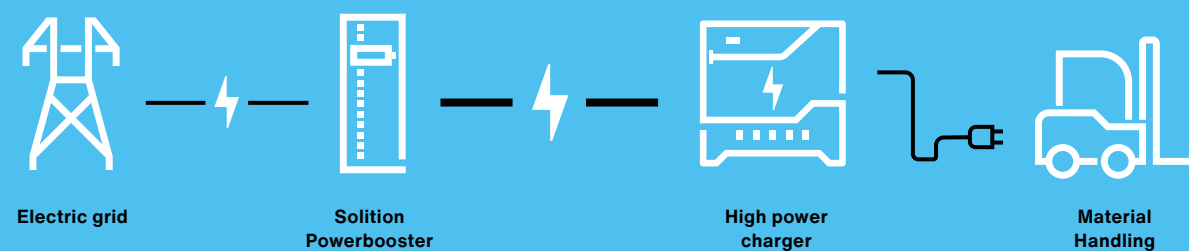
With Solition Powerbooster you have a fast and cost-effective solution for your business. The modular system stores electricity from the grid, to be used at peak times when the capacity limit gets exceeded.

It is the essential storage system for an essential range of applications such as Material Handling, E-mobility, Agriculture, etc. Made for the efficient use of renewable energy, the growth of e-mobility and fast peak power shaving with significant cost reductions.

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.

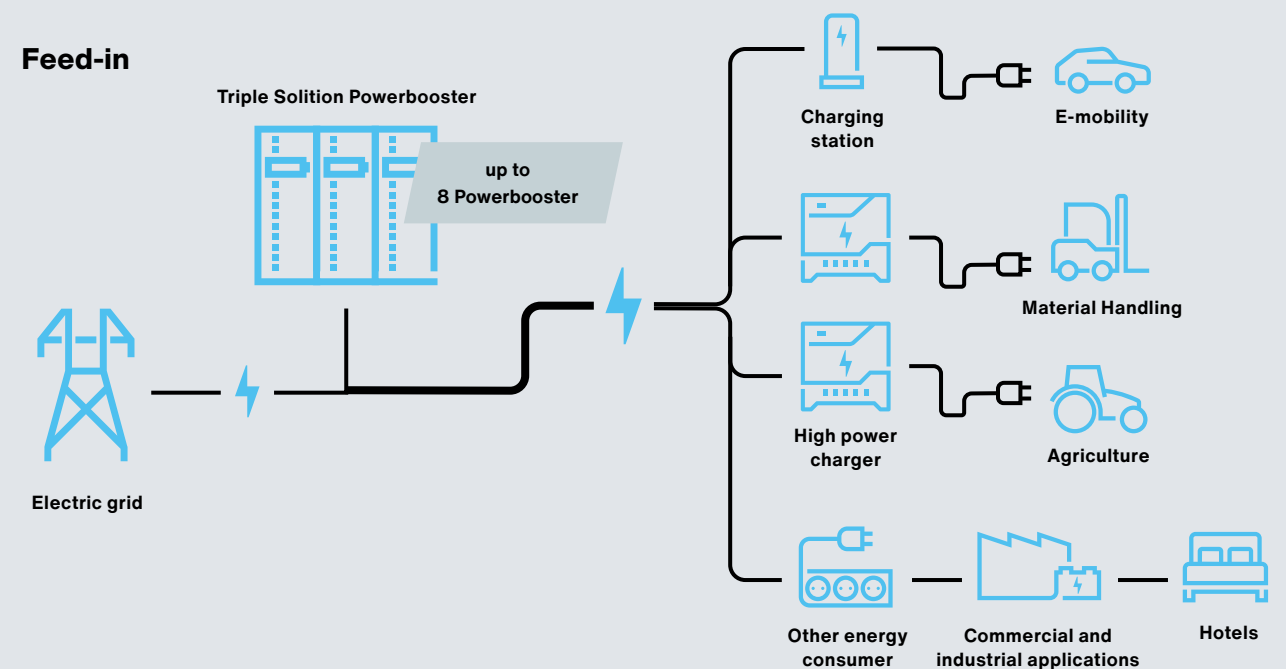
Feed-through



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



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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A NEW
WORLD**

EXIDE[®]
TECHNOLOGIES