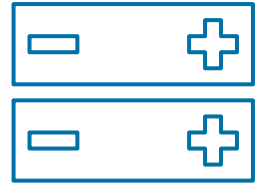


More than just an energy storage

Battery-based platform solutions for various applications



Sustainable energy storage solutions for indoor and outdoor use

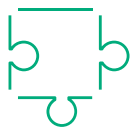
Our intelligent industrial and commercial storage systems enable you to switch economically to a sustainable and secure energy supply. ADS-TEC Energy's highly integrated system platforms are developed and produced in-house. Our technology is “Engineered and Made in Germany”.

Your advantages at a glance:



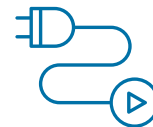
All-in-one Solution

All-in-one systems consisting of battery modules, inverter, air conditioning system, control system (EMS) and safety.



Easy integration

Integrate battery storage solutions into existing systems with PV installations and charging stations for the use of self-generated energy.



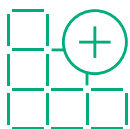
Simple installation and commissioning

Plug & Play solutions that can be put into operation without much effort.



Maximum performance with minimal footprint

High capacity and performance on a very small surface area



Superior flexibility

Easy and quick to scale and expand.



Future-proof energy storage solution

Sustainable energy storage solution consisting of hardware, software and services for indoor and outdoor use



The future of our energy system: CO₂-neutral, decentralised, intelligent and networked. Our energy system is transforming. Renewable energies are replacing fossil and nuclear energy sources. At the same time, the demand for electricity is increasing. The platform solution by ADS-TEC Energy ensures an economic operation and gives you long-term security of supply.

The complexity of the energy system transformation

The expansion of renewable energies is in progress. Fossil and nuclear energies are gradually being replaced by decentralised wind power and PV systems. However, their availability is volatile, because the wind blows when it wants to and the sun does not always shine. Particularly for critical infrastructures, such as commercial, industrial or energy grids, constant and reliable energy availability is indispensable. As centralised power plants and structures are increasingly replaced by decentralised systems in households companies and infrastructures, it will be important to store and efficiently use the energy generated. In order to gain the maximum benefit from renewable energies and to secure the supply in the future, energy storage and management of the energy flows are indispensable. ADS-TEC Energy offers complete solutions for this with its battery storage systems. Our systems are not assembled from numerous individual components from a wide range of manufacturers, instead we develop and build highly integrated and therefore highly efficient system platforms, consisting of hardware, software and services – technology engineered and made in Germany. This is how we remain capable of acting and achieve a long service life for our products as well as longterm system availability.

Battery-based system platforms for your transition

Become more independent of rising electricity prices and unpredictable grid developments. Our products enable you to store your self-generated energy and use it according to your needs. With the help of our own cloud platform Big-LinX Energy, we can securely monitor and control the systems remotely. There is a digital twin for each of our specially manufactured battery modules and cells, so that the systems can always be readjusted if necessary. This maintains the ability to act at the crucial levels for decades to come We want to actively shape the energy transition together with our customers. With our industrial and commercial batteries, including intelligent energy management systems, we enable more freedom, independence and security in the energy supply. Trust our technology from Germany, our decades of experience as a battery specialist and our versatile expertise in hardware, software and services.

Our platform solutions are versatile. Different applications can be implemented individually for your needs.



Self-consumption optimisation



Peak shaving



Emergency power



Primary balancing power



EV charging

PowerBooster

Battery-based platform solution for outdoor use.

GSS0813

The Grid Service Station is developed and manufactured in Germany for long-term use.



Full control through the intelligent energy management system (EMS). The system developed by ADS-TEC Energy monitors and manages the PowerBooster battery storage system. If desired, this can also be easily replaced in order to integrate the PowerBooster into the customer's monitoring and/or control systems.

Controller for monitoring the battery string.

Compact system with integrated inverter. No additional attachments necessary – simplified planning.

Plug and Play – All elements relevant for operation, such as the battery modules or the inverter, are mounted and wired in the plant. This means that the turnkey solution can be delivered directly to the site of operation and put into operation without much effort.

Battery modules monitored down to cell level.

Scalable – up to 8 PowerBooster can be connected.

Low-pitch roof ensures effective rainwater drainage.

The integrated air conditioning system for optimal operating conditions to achieve high efficiency and maximum service life.

Steel housing according to IK10. Certified for maximum resistance against weather and vandalism.



75 kW
Max. effective power

128.7 kWh
Battery capacity

Complete system
with integrated inverter and HVAC

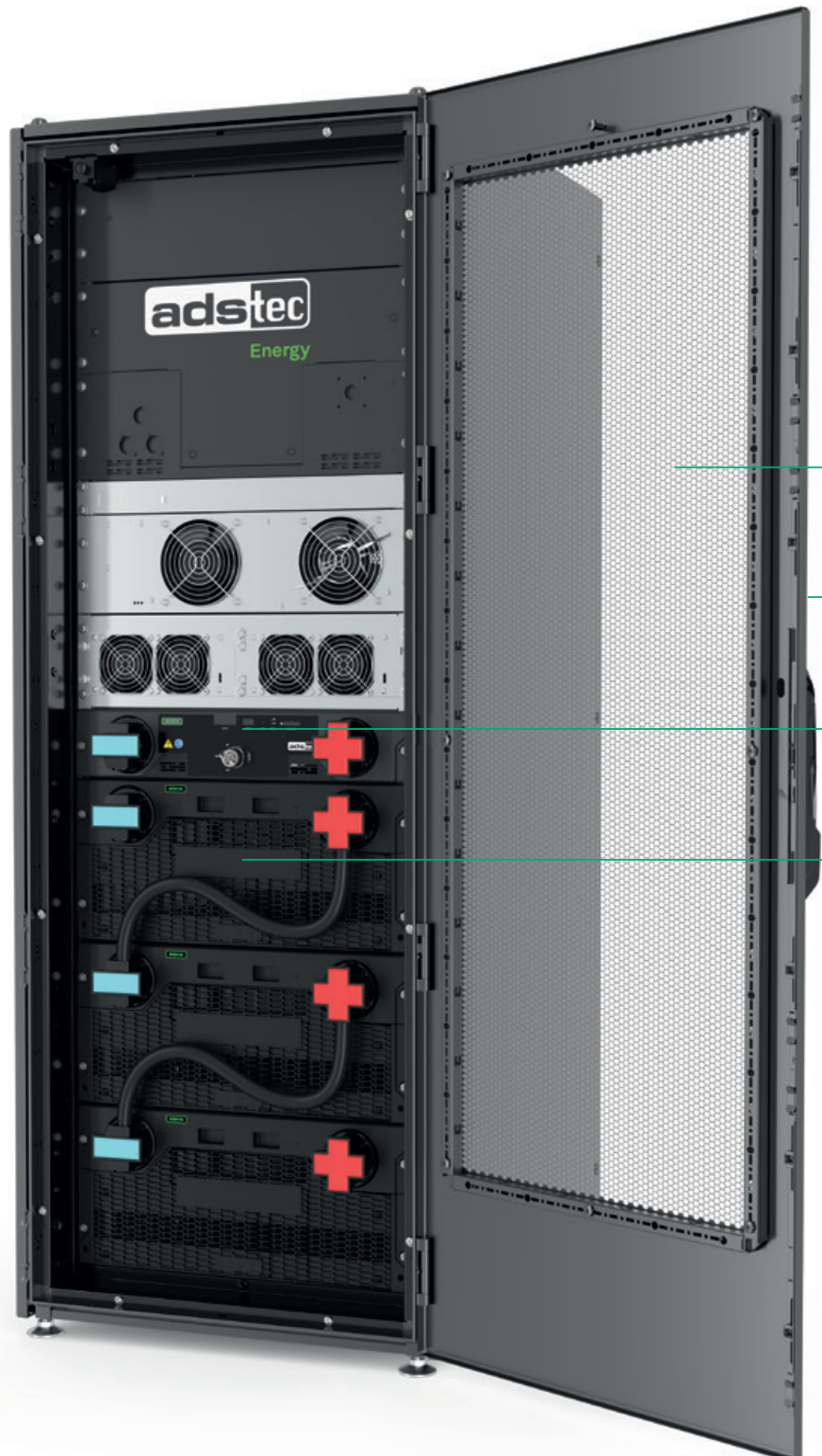
Optimised for installation
outdoors

StorageRackSystem

Battery-based platform solution
for indoor use.

SRS2543

Our SRS - Storage Rack System is - a compact indoor battery storage system with our trademark of the + and - symbols. A complete system with integrated inverter that can be used in many ways and offers a solution for every requirement.





For indoor use with IP20 and perforated door.

Powder coated steel plate provides high quality and durability.

Controller for monitoring the battery string.

Modular system: battery modules can be replaced individually for convenient and quick maintenance.

CE certified according to protection class IP54

25 kW
Effective power

42.9 kWh
Battery capacity

Complete system
with integrated inverter

Optimised for installation
indoors

Enabling the Energy of the Future. Today.

ADS-TEC Energy develops and produces battery-powered platform solutions for the energy industry of the future. These are supplemented with extensive services and secure remote access to all operating data, ensuring ongoing long-term operation. We ensure that the decentralised energy system of the future will be safe, efficient and optimally used in a carbon-neutral world.

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The transformation to a climate-neutral energy industry is one of the greatest challenges of our time. The energy system of tomorrow will be more electric, more digital and more decentralised. Today's power, heat and mobility sectors will interact more and more, thereby offsetting the volatility of renewable energy supply. This calls for decentralised, intelligent energy platforms with integrated buffer storage in our real estate, industry and infrastructure. To that end, we enable future energy suppliers to guide this complex interaction between producers and consumers.

Thomas Speidel,
Founder and CEO
ADS-TEC Energy



Our products are undergoing constant development. Content and illustrations subject to change. All product names are trademarks and registered trademarks of their respective owners.
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