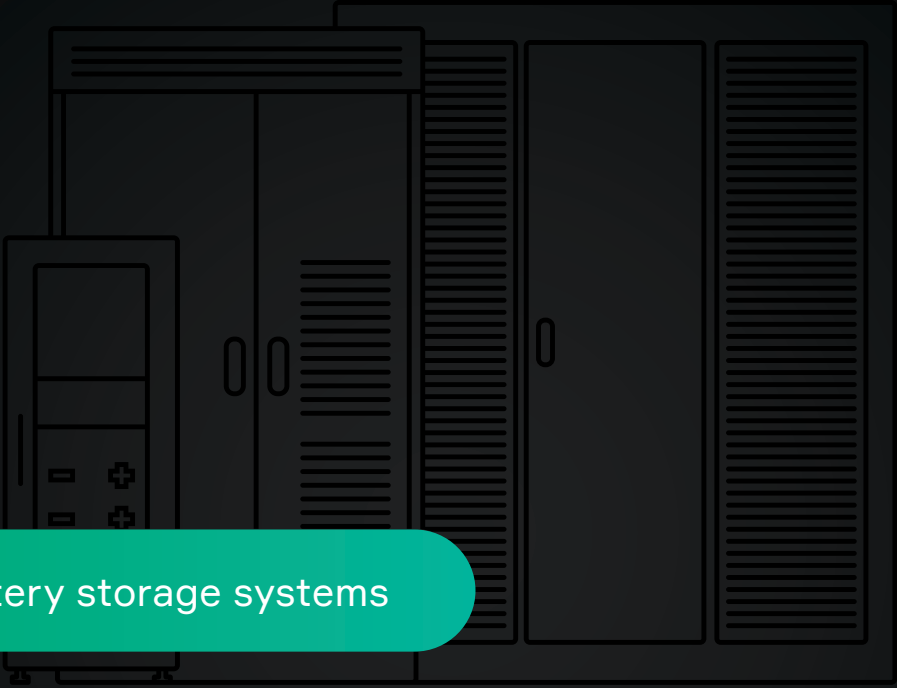




Battery storage systems

The Resilient Allrounders.

We Empower Your Business.

We believe that the energy supply of the future will be decentralised and flexible. Renewable energy will replace fossil fuels.

Our futureproof smart products put the energy transition within reach. Our customers are already electrifying their energy applications and using electricity when they need it, cost-effectively and off-grid.

In times of change, we offer solutions that are long-term, safe and profitable.

With our advanced battery storage and ultra-fast DC charging systems, we provide our customers in the energy and mobility sectors with a secure and reliable basis for their business models. Developed and manufactured in Germany, our integrated solutions offer more than meets the eye. With our reliable systems, we help our customers to increase their independence and secure their position during the energy transition.

- 2024**
Sweden's largest battery storage system with > 20 MW
- 2022**
Market launch of ChargePost
- 2021**
Nasdaq listing
- 2018**
Development of ChargeBox
- 2010**
Foundation of ADS-TEC Energy
- 2007**
First battery pack developed in house

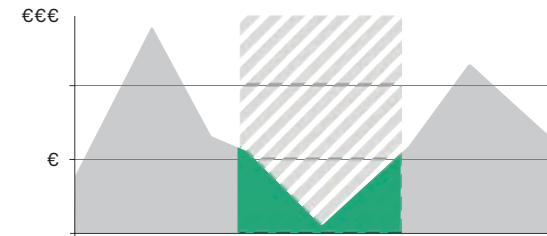
The future of energy

Efficient and profitable with battery storage systems

The energy sector is in the midst of a transition: grids, business models and applications are all changing. With PV installations on their roofs, customers are becoming active energy producers.

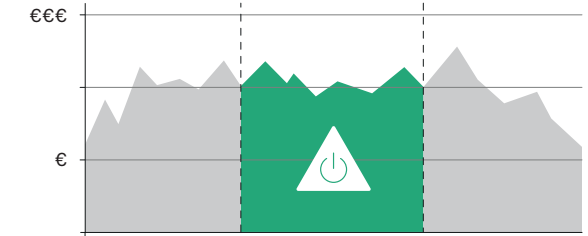
With our smart industrial and commercial storage systems, you can affordably transition to a sustainable and secure energy supply. Our solutions allow you to store electricity efficiently and use it when and how you need it. Whether for your own consumption, to stabilize the grid, or for trading on the energy markets.

Work with us to develop your individual business case and seize the opportunities that the energy transition provides. Together, we can make your energy storage system a valuable future investment.



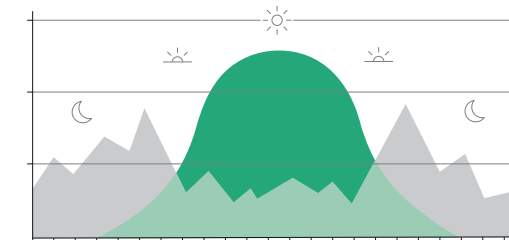
Time of use

Our storage solutions allow you to purchase electricity when prices are low and use it when you need it. Effectively cutting your energy costs and benefiting from the smart use of your electricity supply.



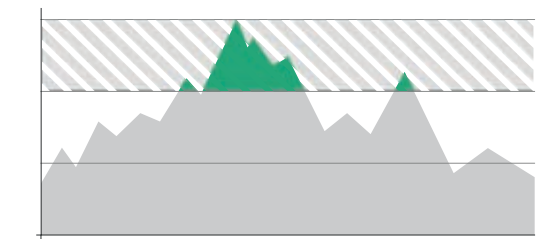
Backup power

Secure your power supply even during grid blackouts! Our reliable storage solutions ensure you always have a stable electricity supply, even when the grid is down. Ensuring the continuity and safety of your business or organisation.



Self-consumption optimisation

Maximise the use of your self-generated electricity. Our advanced storage solutions allow you to store excess electricity at your grid connection point and use it when you need it.



Peak shaving

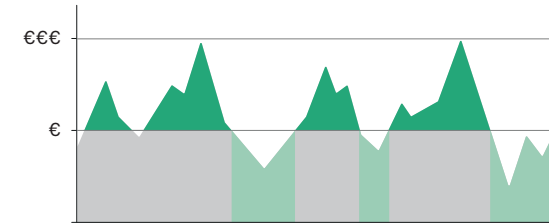
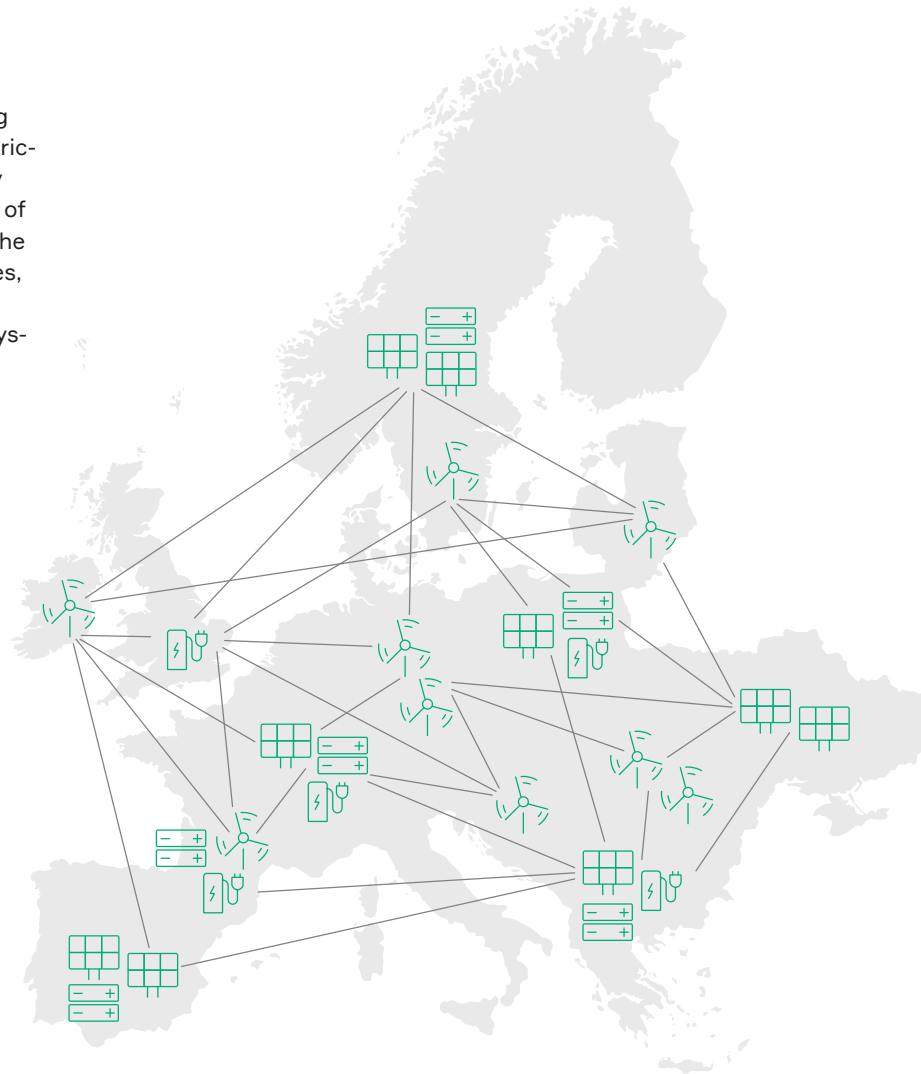
Peak shaving allows you to significantly cut your electricity costs. Our innovative storage solutions effortlessly smooth out short-term power peaks, avoiding high additional costs.

Global grid services

Generation and consumption patterns are changing worldwide as a result of decarbonization. New electricity consumers are emerging in the areas of mobility and heat generation, requiring significant amounts of power and energy especially at the lower levels of the grid. As the grid relies more and more on renewables, energy production and consumption are no longer synchronised. The grid has to adapt, and storage systems become essential.

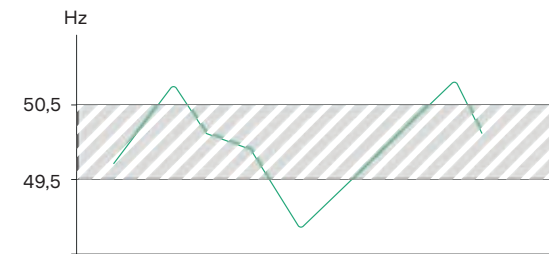
‘With **battery storage solutions**, renewable energy can be utilized more effectively, leading to an acceleration of the energy transition while simultaneously **reducing costs**. Given the volatility of renewable energies, we need flexible and innovative **solutions**.’

Thomas Speidel
Founder and CEO of ads-tec Energy GmbH



Arbitrage

By using a storage system, operators can purchase electricity at low prices and sell it when the price is high. This type of energy trading can provide businesses with additional revenue streams and encourages the use of renewables.



Balancing energy service

The provision of balancing energy enables compensation for spontaneously reacting to surpluses and deficits in the grid's energy supply.

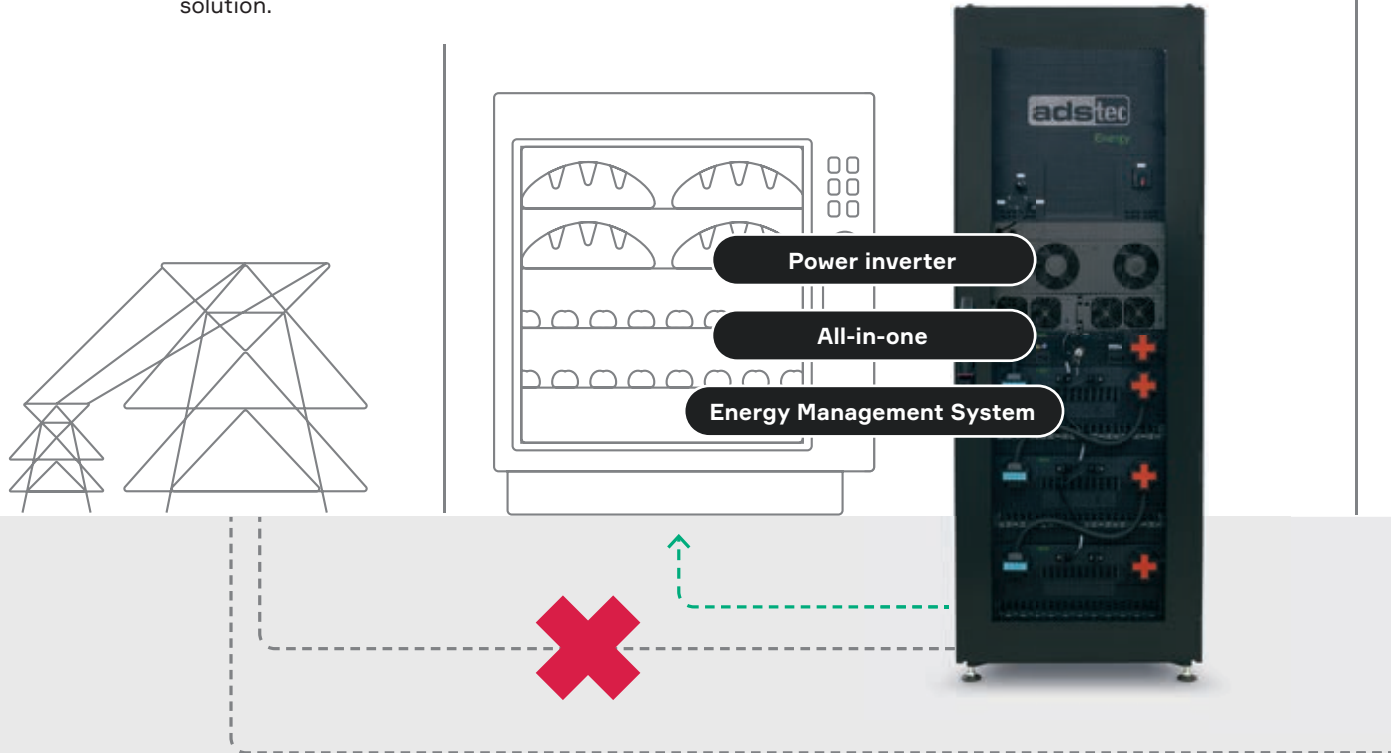


Make more of it!

By optimising self-consumption, you can increase the proportion of locally generated green electricity and reduce grid charges. Peak shaving significantly reduces the fees for grid services. A combination of both measures gives the best results.

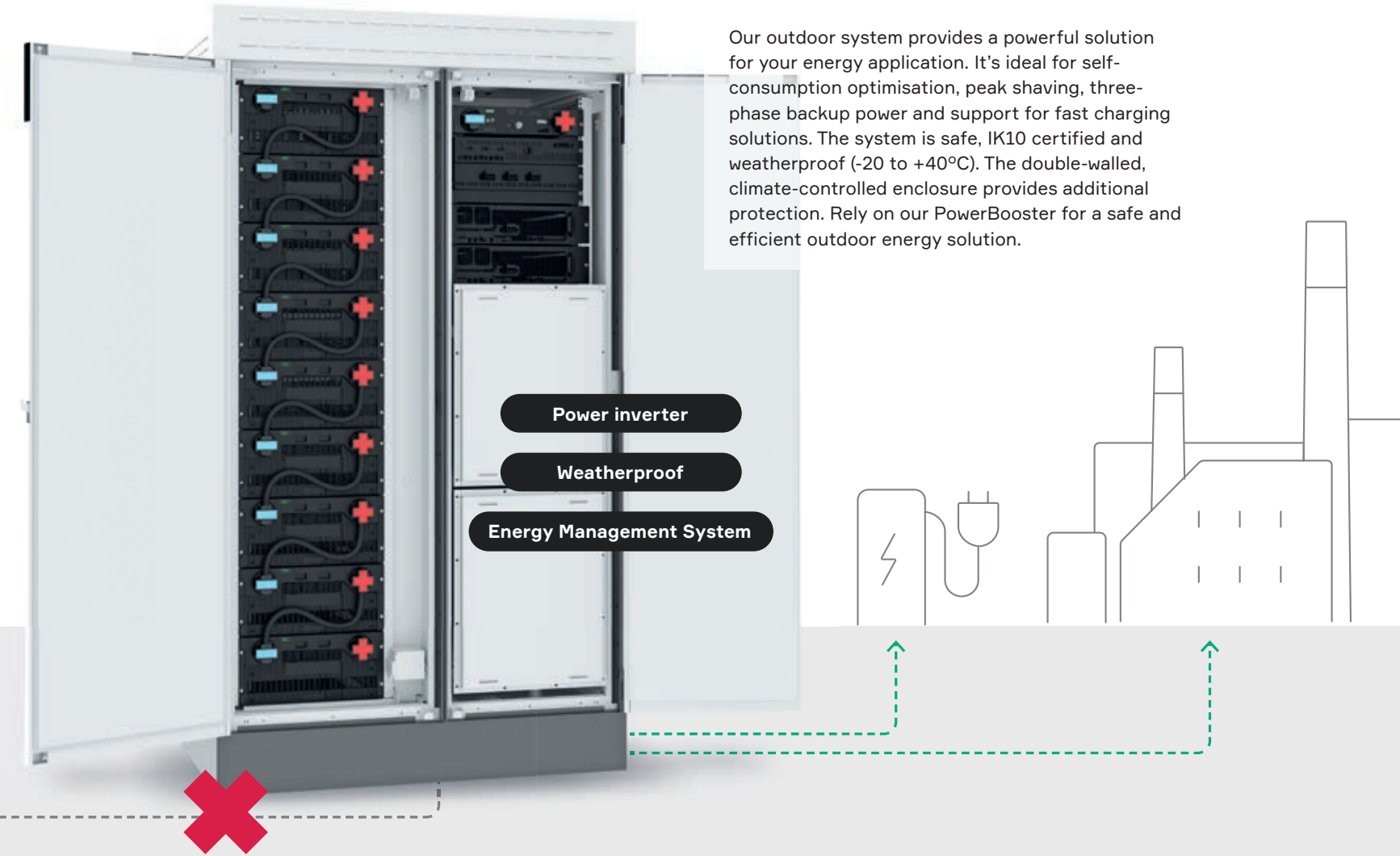
StorageRackSystem

Our indoor system provides a comprehensive solution that meets your energy needs. It's ideal for three-phase backup power, self-consumption optimisation and peak shaving. The system is scalable and can be expanded to include up to eight units. It is also compatible and can be integrated with external energy and building management systems. Rely on our StorageRackSystem for an efficient and reliable energy solution.



PowerBooster

Our outdoor system provides a powerful solution for your energy application. It's ideal for self-consumption optimisation, peak shaving, three-phase backup power and support for fast charging solutions. The system is safe, IK10 certified and weatherproof (-20 to +40°C). The double-walled, climate-controlled enclosure provides additional protection. Rely on our PowerBooster for a safe and efficient outdoor energy solution.



PowerBooster GSS0813 data sheet

System	System type	AC-coupled storage system in an outdoor cabinet
	Control/functions	ADS-TEC Energy apps: peak shaving, self-consumption optimisation, backup power supply, ADS-TEC master interface Option: → PV power reduction via SolarLog
	Network connection	Ethernet, RJ45
	Power inverter	Integrated
Grid connection	Max. charging/ discharging capacity	50 kW/75 kW
	Grid voltage/grid frequency	400 V AC/50 Hz
	Grid configuration	TN-S with 3Ph + N + PE (stationary)
Battery storage system	Nominal energy content/ usable energy content	128.7 kWh/111.6 kWh
	Cell chemistry	Lithium NMC
General data	Temperature range	-20°C to +40°C
	Protection class	IP55
	Efficiency (battery)	Up to 98 %
	Warranty	Up to 10-year Cell Performance Warranty on battery cells (in combination with Advanced Service contract)
	Dimensions H x W x D	Approx. 2,500 x 1,430 x 940 mm
	Weight	Approx. 1,400 kg including battery modules



Detailed data sheet → 

The contents of this data sheet have been compiled with the greatest possible care. However, we cannot guarantee that the information and illustrations are correct, complete or up-to-date. We reserve the right to make changes, and illustrations may differ. All product names are trademarks or registered trademarks of their respective owners.

StorageRackSystem SRS2543 data sheet

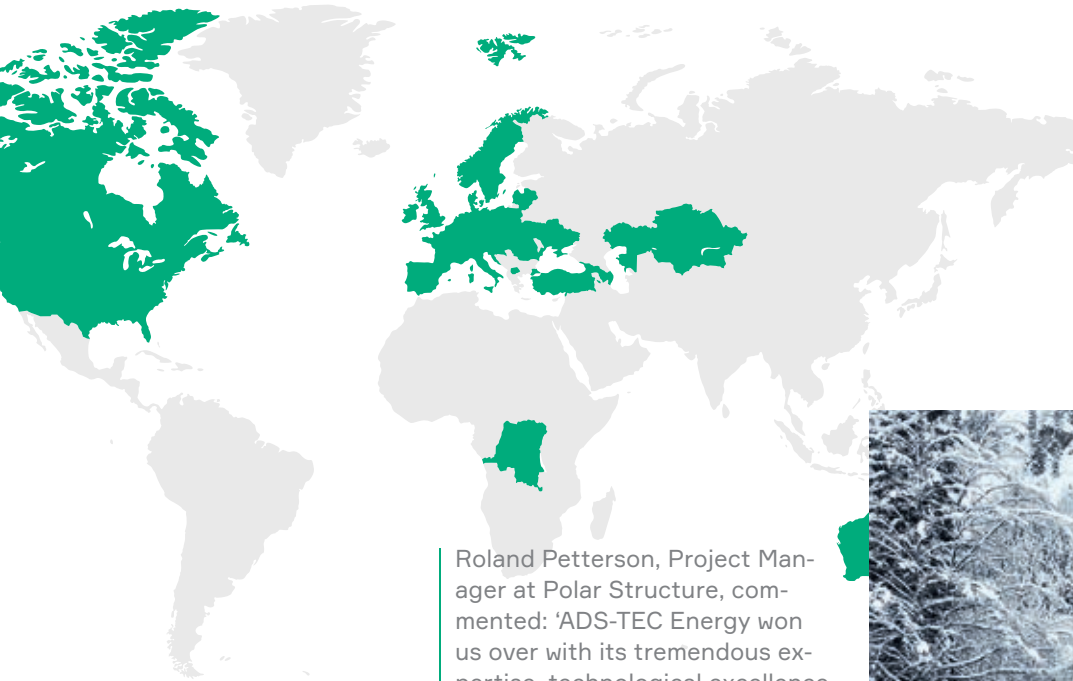
System	System type	AC-coupled storage system in an indoor cabinet
	Control/functions	ADS-TEC Energy apps: Peak shaving, self-consumption optimisation, backup power supply, ADS-TEC master interface Option: → PV power reduction via SolarLog
	Network connection	Ethernet, RJ45
	Power inverter	Integrated
Grid connection	Max. charging/ discharging capacity	18 kW/25 kW
	Grid voltage/grid frequency	400 V AC/50 Hz
	Grid configuration	TN-S with 3Ph + N + PE (stationary)
Battery storage system	Nominal energy content/ usable energy content	42.9 kWh/37.2 kWh
	Cell chemistry	Lithium NMC
General data	Temperature range	10°C to 25°C
	Protection class	IP20
	Efficiency (battery)	Up to 98 %
	Warranty	Up to 10-year Cell Performance Warranty on battery cells (in combination with Advanced Service contract)
	Dimensions H x W x D	1,730 x 608 x 825 mm (+/-20 mm)
	Weight	Approx. 460 kg including battery modules



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Detailed data sheet → 

References



Roland Petterson, Project Manager at Polar Structure, commented: 'ADS-TEC Energy won us over with its tremendous expertise, technological excellence and innovative power in the field of smart energy storage.'



'The batteries work very well and have a very high capacity. [...] From a technical point of view, the system works better than expected,' said Matthias Holzenkamp, Head of Commercial Asset Management at Statkraft Germany.



Project Manager Samuel del Collado from BOSCH noted with satisfaction: 'We are very pleased with the reliable co-operation with ADS-TEC Energy and the positive overall result. Having a regional supplier brings great advantages, both for planning and implementation and, in the long term, for operation.'



ServiceCrew

We Empower Your Products.

Remote service

On-site service

Agreements

Spare parts

Training

Our service team will support you with all matters relating to your ADS-TEC Energy charging and storage solutions. As a reliable partner, we'll be at your side from installation to modification of your system components. With our comprehensive service portfolio, we guarantee a high level of operational availability for your equipment. Our experienced and competent service team members work in a customer-focused and goal-oriented manner, allowing you to concentrate on your core business.

Contact our ServiceCrew

Please contact our team if you have any service enquiries.

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