

StoraXe® Home & Small Business System with 19, 28 or 47 kWh



StoraXe® Home & Small Business Battery storage

ADS-TEC storage systems from the Home & Small Business sector are intended for larger houses, workshops as well as businesses and public facilities. There are usually larger areas available here for PV systems and the function of energy management goes beyond pure day to night shifting.

HIGHLIGHTS

- Battery system with integrated inverter – now also available with 47 kWh storage capacity
- Through AC coupling for new and existing systems
- 19, 28 or 47 kWh nominal system capacity
- Particularly high-performance and efficient system

StoraXe® Home & Small Business System for professionals

The all-round, carefree storage solution for seamless integration in new and existing building installations

- AC battery storage system with integrated inverter
- Integrated ADS-TEC Energy Management System (EMS)
- Fully fledged emergency power function in the event of power failure
- 3-phase, with up to 100 % unbalanced load in emergency power operation

ADS-TEC energy storage systems Security in the future

- High-performance lithium-ion technology for a specified service life of 20 years
- Selected cells from renowned manufacturers instead of »consumer« cells
- Satisfy current and future standards and certifications

EMS The local Energy Management System

- EMS is the local Energy Management System for simple and intelligent control
- Operation and visualisation via PC, tablet or smartphone

Big-LinX® The cloud solution for monitoring from anywhere

- Global access via smart-card-secured VPN
- Administration and management of all installed systems

KfW subsidies ADS-TEC energy storage systems are eligible for subsidies¹

The StoraXe Home & Small Business systems satisfy all requirements of the subsidy programme.



Storage Rack System SRS2019 / SRS2028 / SRS2047



Energy Storage

System

Technical data

		SRS2019	SRS2028	SRS2047
Grid	Grid type	3-phases, TN-S		
	Mains voltage	400 VAC		
	Grid frequency	50 / 60 Hz		
	PV connection	AC-coupled		
	Effective power	18 kW (6 kW per phase)		
	Apparent power	20 kVA (6,6 kVA per phase)		
Emergency power	Grid type	3-phases, TN-S		
	Mains voltage	400 VAC / 230 VAC		
	Grid frequency	50 / 60 Hz		
	Effective power	18 kW (6 kW per phase)		
	Apparent power	20 kVA (6,6 kVA per phase)		
	Black start capacity	Yes		
	Integration of external producers	Yes, e.g., PV systems can be integrated in isolated operation		
	Unbalanced load	Max. 100 % (6.6 kVA between the phases)		
Battery	Switching time on isolated grid	Max. 100 ms		
	Cell type ²	Lithium-NMC / SKI	Lithium-NMC / SKI	Lithium-NMC / SKI
	Nominal energy content	19 kWh	28 kWh	47 kWh
	Nominal capacity	159 Ah	159 Ah	159 Ah
	Specified cycles ²	13,000	13,000	13,000
	Expected lifetime ²	20 years	20 years	20 years
System	Protection class	IP42		
	Temperature range	+10 °C to +30 °C		
	Humidity	< 90 % non-condensing		
	Local grid connection	Ethernet RJ45		
	Operation and visualisation	PC; iOS + Android App		
	Energy Management	ADS-TEC Energy APPs (Big-LinX® ready)		
Standards	EMC:	EN 61000-6-2; EN 61000-6-3		
	Safety (functional and electrical):	EN 61010-1; EN 50272-2		
	Transport:	Complies with UN Test and Criteria manual, part III, subsection 38.3		
	Isolation and fire protection:	DIN EN 60664-1, VDE 0110-1, DIN VDE 0298-4, VDE 0471 DIN EN 60695-11-10 and -20		
	Grid directive:	VDE-AR-N-4105		
Dimensions weight	W x H x D (in mm)	600 x 1700 x 750	600 x 1700 x 750	1200 x 1700 x 750
		approx. 450 kg	approx. 490 kg	approx. 780 kg

1 Subject to legislative changes 2 See data sheet provided by cell manufacturer

