

# StoraXe<sup>®</sup>

## Home & Small Business

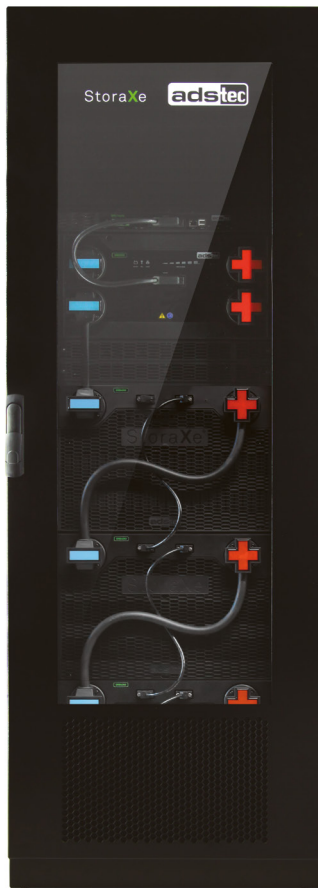
### System with 19 or 28 kWh

Powered by **SK innovation**



#### StoraXe<sup>®</sup> 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.



Storage Rack System SRS2019 / SRS2028

## HIGHLIGHTS

- Complete system with integrated inverter
- Through AC coupling for new and existing systems
- 18.6 kWh or 27.9 kWh nominal system capacity
- Particularly high-performance and efficient system

#### StoraXe<sup>®</sup> Home & Small Business System

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<sup>®</sup> 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 subsidies<sup>1</sup>

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

**adstec**

Energy Storage

# System

## Technical data

		SRS2019	SRS2028
<b>Grid</b>	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)	
<b>Emergency power</b>	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)	
Switching time on isolated grid	Max. 100 ms		
<b>Battery</b>	Cell type <sup>2</sup>	Lithium-NMC / SKI	Lithium-NMC / SKI
	Nominal storage capacity	18,6 kWh	27,9 kWh
	Specified cycles <sup>2</sup>	13,000	13,000
	Expected lifetime <sup>2</sup>	20 years	20 years
<b>System</b>	Protection class	IP42	
	Temperature range	+10 °C to +30 °C	
	Humidity	< 90 % non-condensing	
	Local network connection	Ethernet RJ45	
	Operation and visualisation	PC; iOS + Android App	
	Energy Management	ADS-TEC Energy APPs (Big-LinX® ready)	
<b>Standards</b>	<b>EMC:</b> EN 61000-6-2; EN 61000-6-3		
	<b>Safety (functional and electrical):</b> EN 61010-1; EN 50272-2		
	<b>Transport:</b> Complies with UN Test and Criteria manual, part III, subsection 38.3		
	<b>Isolation and fire protection:</b> DIN EN 60664-1, VDE 0110-1, DIN VDE 0298-4, VDE 0471 DIN EN 60695-11-10 and -20		
	<b>Grid directive:</b> VDE-AR-N-4105		
<b>Dimensions / weight</b>	WxHxD (in mm)	600 x 1,700 x 750	600 x 1,700 x 750
		approx. 450 kg	approx. 460 kg

<sup>1</sup> Subject to legislative changes <sup>2</sup> See data sheet provided by cell manufacturer

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