

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



StoraXe® Home & Small Business **Battery storage system**

ADS-TEC storage system and 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

- Complete system with integrated inverter now also with 47 kWh storage capacity
- Through AC coupling for new and existing systems
- 19, 28 or 47 kWh nominal system capacity
- Especially powerful and efficient



Storage Rack System SRS2019 / SRS2028 / SRS2047

StoraXe® Home & Small Business **The system for the professional**

The convenient storage solution for seamless integration in new and existing building installations

- AC battery storage system with integrated inverter
- Integrated ADS-TEC energy management system
- 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 service life of 20 years
- Selected cells from renowned manufacturers instead of »Consumer« cells
- Safety has top priority at all levels of battery technology

EMS **The local Energy Management System**

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

Big-LinX® Energy **The cloud solution for monitoring from anywhere**

- Global access to the energy storage system via smart-card-secured VPN
- Administration and management of all installed storage systems

adstec

Energy Storage

SRS2019 / SRS2028 / SRS2047

Technical data

	SRS2019	SRS2028	SRS2047
System	System type AC battery storage system Control / functions ADS-TEC master interface or ADS-TEC energy apps Network connection Ethernet, RJ45 Inverter integrated		
Grid connection	Effective power 18 kW Apparent power 20 kVA Emergency power / black start Yes / yes Mains voltage 400 VAC Grid type 3-phases, TN-S, TT on demand Grid frequency 50 Hz / 60 Hz		
Battery storage system	Battery technology Lithium-ion Nominal energy content 18.6 kWh Capacity 106 Ah	Lithium-ion 27.9 kWh 159 Ah	Lithium-ion 46.4 kWh 159 Ah
Battery cells¹	Cell manufacturer SK innovation Cell capacity 53 Ah Cell chemistry Lithium-NMC Specified cycles up to 80% of residual capacity 13,000 (2C/2C at 23 °C with 80 % DOD) Expected life cycle 20 years		
General data	Installation location Indoors Temperature range 10 to 30 °C Humidity < 90 %, non-condensing Protection class IP43 Guarantee of current market value (battery cells) up to 10 years		
	Dimensions W x H x D 600 x 1,700 x 750 mm Weight Approx. 470 kg	600 x 1,700 x 750 mm Approx. 520 kg	1,200 x 1,700 x 750 mm Approx. 820 kg
Standards	EMC: EN 61000-6-1:2007-10; EN 61000-6-3:2007 + A1:2011 Safety (functional and electrical): EN 50272-1:2010; EN 50581:2012 Transport: UN38.3 transport directive for lithium batteries Grid directive: VDE-AR-E-2510-2, VDE-AR-N-4105		

¹ Information according to data sheet provided by the cell manufacturer

StoraXe® We would be happy to advise you

- Individual design and planning by ADS-TEC specialists
- Speak with us – together we can specify your solution

ads-tec GmbH
 Heinrich-Hertz-Straße 1
 D-72622 Nürtingen
 Phone +49 70 22 25 22-201
 Fax +49 70 22 25 22-406
 energy-storage@ads-tec.de
 www.ads-tec.de



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