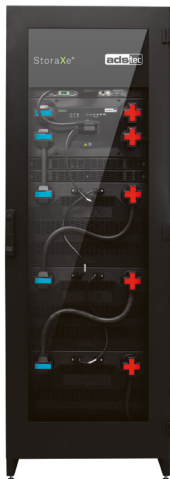


# StoraXe® Residential System with 28 or 47 kWh



## StoraXe® Residential Battery storage system

ADS-TEC storage system and systems from the Residential sector are intended for use in big 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 SRS2028 / SRS2047

## HIGH LIGHTS

- Complete system with integrated inverter
- Through AC coupling for new and existing buildings
- 28 or 47 kWh nominal system capacity
- Especially powerful and efficient
- Many application areas: Optimisation of personal consumption, peak shaving, emergency power and EV charging

### StoraXe® Residential 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
- 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

# SRS2028 / SRS2047

## Technical Data

	SRS2028	SRS2047	
<b>System</b>	System type	AC battery storage system	
	Control / functions	ADS-TEC master interface or ADS-TEC Energy apps	
	Network connection	Ethernet, RJ45	
	Inverter	Integrated	
<b>Grid connection</b>	Effective power	18 kW	
	Apparent power	20 kVA	
	Emergency power / black start	Yes / yes	
	Mains voltage	400 VAC	
	Grid type	3-phase, TN-S, TT on demand	
	Grid frequency	50 Hz	
<b>Battery storage system</b>	Battery technology	Lithium-ion	Lithium-ion
	Nominal energy content	27.9 kWh	46.4 kWh
	Capacity	159 Ah	159 Ah
<b>Battery cells<sup>1</sup></b>	Cell capacity	53 Ah	
	Cell chemistry	Lithium-NMC	
	Specified cycles	13,000 (25 °C, 1C/1C, DoD 90 %, EoL 80 %)	
	Expected life cycle	20 years	
<b>General data</b>	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 1,800 x 750 mm	1,200 x 1,800 x 750 mm
	Weight	Approx. 520 kg	Approx. 820 kg
<b>Standards</b>	<b>EU harmonized standards</b> EN 61000-6-3: 2007 + A1: 2011, EN 61000-6-1: 2007-10, EN 50272-1: 2010, EN 50581: 2012		
	<b>Additionally compliant with regulations / application rules:</b> UN 38.3 (at battery module level), VDE-AR-E-2510-2, VDE-AR-N-4105 (only in connection with the declaration of conformity for the BAT20 inverter from WStech)		

<sup>1</sup> Information according to data sheet provided by the cell manufacturer

### StoraXe® battery storage solutions **Technology for Professionals**

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

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