

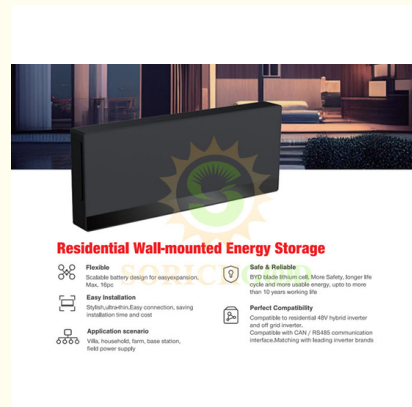


Backup Power and Optimal Energy Consumption with L4SRWES Series Lithium Battery Storage

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: LS
- Certification: CE UN38.3
- Model Number: L4SRWES
- Minimum Order Quantity: 50 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



Product Specification

- Nominal Voltage: 51.2V
- Nominal Capacity: 120Ah / 130Ah
- Battery Energy: 6.144kWh / 6.656kWh
- Max. Constant Charging Current: 120A @ 25°C
- Max. Discharging Current: 120A @ 25°C
- Operating Voltage Range: 43.2V-57.6V
- Design Life: >10 Years @ 25°C / 77°F
- Scalability: Max. 16 Strings In Parallel
- Highlight: **43.2v lithium battery storage ,
51.2v lithium battery storage ,
43.2v commercial energy solutions**

Product Description

Backup Power and Optimal Energy Consumption with L4SRWES Series Lithium Battery Storage

Residential Wall-mounted Energy Storage



Flexible

Scalable battery design for easy expansion,
Max. 16pc



Safe & Reliable

BYD blade lithium cell. More Safety, longer life
cycle and more usable energy, upto to more
than 10 years working life



Easy Installation

Stylish, ultra-thin. Easy connection, saving
installation time and cost



Perfect Compatibility

Compatible to residential 48V hybrid inverter
and off grid inverter.
Compatible with CAN / RS485 communication
interface. Matching with leading inverter brands



Application scenario

Villa, household, farm, base station,
field power supply

Product Description:

The L4SRWES series is a residential wall-mounted lithium battery energy storage solution, designed for both grid-tied and off-grid applications. These batteries offer a compact and stylish design that supports scalability up to 16 units for flexible energy storage needs. With a BYD blade lithium-iron phosphate (LiFePO₄) cell, this series ensures high safety, long cycle life, and robust performance. The system is compatible with 48V hybrid inverters and offers seamless integration with CAN and RS485 communication interfaces. Ideal for residential, villa, and small commercial applications, these batteries provide reliable backup power and optimize energy consumption.

Product Mode	LSRW51V120AH-LFP-B1	LSRW51V130AH-LFP-B1
Battery type	BYD blade lithium-iron phosphate (LiFePO ₄)	BYD blade lithium-iron phosphate (LiFePO ₄)
Battery energy	6.144kWh	6.656kWh
Nominal voltage	51.2V	51.2V
Nominal capacity	120Ah	130Ah
Operating voltage range	43.2V-57.6V	43.2V-57.6V
Standard charging mode	Constant current charging (CC)	Constant current charging (CC)
Standard charging current	30A@25°C	30A@25°C
Max. constant charging current	120A@25°C	130A@25°C
Charge limit voltage	60.8V	60.8V
Standard discharging mode	Constant current discharging (CC)	Constant current discharging (CC)
Standard discharging current	30A@25°C	30A@25°C
Max. discharging current	120A@25°C	130A@25°C
Discharge cut-off voltage	32V	32V
Scalability	Max. 16 strings in parallel	Max. 16 strings in parallel
Depth of discharge	80%	80%
Design life	>10 years (25°C/77°F)	>10 years (25°C/77°F)
Protection	Over-temperature, over charge, under-voltage over-current, short circuit alarm functions	Over-temperature, over charge, under-voltage over-current, short circuit alarm functions
Display	LED indicator	LED indicator
Communication	CAN/RS485	CAN/RS485
Dimension (W*D*H)	1078*140*437mm	1078*140*437mm
Weight	76.9kg	76.9kg
Installation	Wall mount	Wall mount
Shipping status SOC	20% 30%	20% 30%
Charging temperature	-20 ~ +55°C	-20 ~ +55°C
Discharging temperature	30 ~ +60°C	30 ~ +60°C
Short term storage ambient temperature	-20 ~ +35°C (<3 months, 20 60% SOC)	-20 ~ +35°C (<3 months, 20 60% SOC)
Long term storage ambient temperature	20 ~ +30°C (<1 year, 30 ~ 60% SOC)	20 ~ +30°C (<1 year, 30 ~ 60% SOC)
Max. operating altitude	4000m (derating above 2,000m)	4000m (derating above 2,000m)
Protection degree	IP21, indoor installation	IP21, indoor installation
Relative humidity	5% ~ 95%	5% ~ 95%
Cooling	Natural cooling	Natural cooling
Noise emission	<29db	<29db
Certificate	CE, UN38.3	CE, UN38.3
Remarks: Specifications are subject to change without notice; Special voltage and power requirements can be customized designed		

Application:

The L4SRWES series is suitable for a range of applications, including residential homes, villas, farms, base stations, and field power supply systems. It is designed for environments that require efficient energy storage and easy installation with a slim form factor.

Shipping Methods

Supports global air and sea shipping.

**RICHGOOD ENERGY CO.,LTD**willa@fuhaosolar.comfuhaosolar.com

Rm3810 Baoli E Building Pa Zhou Haizhu district Guangzhou