

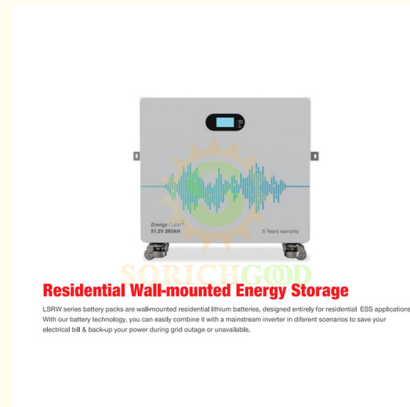


## Secure Your Energy Supply with LSRW51V280AH-LFP Lithium Battery Storage

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: LS
- Certification: UN38.3 MSDS
- Model Number: LSRWES3
- Minimum Order Quantity: 10 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



#### Product Specification

- Nominal Voltage: 51.2V
- Nominal Capacity: 280Ah
- Nominal Energy: 14.3kWh
- Usable Energy: 14kWh
- Max. Continuous Discharge 200A Current:
- Max. Continuous Discharge 10KW Power:
- Cycle Life:  $\geq 6000$  Cycles @90% DOD
- IP Rating: IP55
- Highlight: ip55 lithium battery storage, 280ah lithium battery storage, ip55 commercial energy solutions

## Product Description

### Secure Your Energy Supply with LSRW51V280AH-LFP Lithium Battery Storage

## Residential Wall-mounted Energy Storage

LSRW series battery packs are wall-mounted residential lithium batteries, designed entirely for residential ESS applications. With our battery technology, you can easily combine it with a mainstream inverter in different scenarios to save your electrical bill & back-up your power during grid outage or unavailable.

### Features



#### Safety

High safety LiFePO<sub>4</sub> battery; Fire-safe, non-toxic; Lithium ferrous phosphate (LFP) cells.



#### Long-lasting

10 years life design, Long cycle life and superior performance



#### Portable installation

Wall mounted installation method, wheeled mobility.



#### Wide compatibility

Compatible with multiple brands of mainstream inverter use



#### Environment protection

Non-toxic and pollution-free

### Product Description

The LSRW51V280AH-LFP is a high-capacity residential wall-mounted energy storage unit, designed specifically for home energy solutions. With its advanced LiFePO<sub>4</sub> battery technology, this energy storage system offers excellent safety, long-lasting performance, and wide compatibility with mainstream inverters. It provides a sustainable energy backup for residential users, ensuring smooth power delivery during outages and enabling energy savings.

Items	LSRW51V280AH-LFP
Nominal voltage	51.2V
Nominal capacity	280Ah
Nominal energy	14.3kWh
Usable energy	14kWh
Recommended charge current	140A
Max.continuous charge current	200A
Max.continuous discharge current	200A
Max.continuous discharge power	10kW
Self-discharge rate (Sleep mode)	Capacity:≤3%/month
Standard charge voltage	56.0V
End of discharge voltage	40V
Communication	RS485/CAN
IP rating	IP55
Cycle life	≥6000 cycles @90%DOD
Net weight	122kg
Dimension of product(L*W*H)	700*600*248mm
Battery housing	sGCCwith white coating
Operation temperature	0~60°C (32~140°F)
Recommended operation temperature	15~30°C (59~86°F)
Storage temperature for short time	-10~45°C(14~113°F)
Storage temperature for long time	10~35°C(50~95°F)
Operation humidity	5~95%
Install altitude	≤4000m
Install location	Foor standing
Certification	UN38.3/MSDS

### Application

The LSRW51V280AH-LFP is ideal for homeowners looking to optimize their energy consumption and reduce reliance on the power grid. Suitable for use with solar installations, it ensures continuous energy availability during grid outages and provides an efficient backup for daily energy storage needs.

#### Shipping Methods

Supports global air and sea shipping.



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