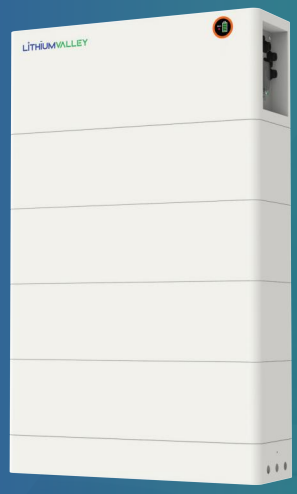
LITHIUMVALLEY





Residential LFP Battery Series

HS3-5A 51.2V 50Ah 2.56kWh

Version: 1.0







The HS3-5A is a household solar lithium battery. Its intelligent Battery Management System (BMS) can monitor and optimize the battery performance in real-time, extend the battery's service life, and support remote control through a mobile app, which makes it convenient for you to keep track of the energy situation at home at any time. It is easy to install, and the stackable design saves space. In case of an emergency, it can serve as a mobile power source to supply electricity to household appliances, and it is capable of adapting to various scenarios.

产品优势

Multi-Scenario

- Stackable products, saving space
- IP65 protection rating for all-weather use

Longer Life and Safer

- A+ grade lithium iron phosphate
- Built-in hot aerosol fire extinguishing device

Remote upgrade

- Timely fix system bugs, enhance performance and add new features
- Enhance the security and stability of the device

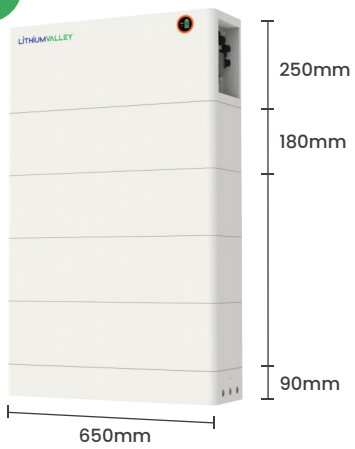
Flexible and Expandable

- Single cluster max. capacity is 25.6 kWh, up to 4 clusters can be paralleled, with paralleled clusters' max. capacity at 102.4 kWh

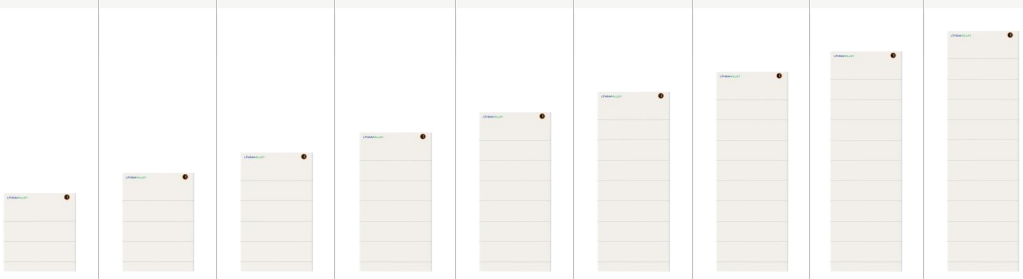
Certification

- UN38.3、MSDS、MSR CB、CE-EMC、UKCA、CE-GPSD、UL1973、UL9540A

Dimensions





Technical Specification	HS3-5A								
Number of layers	2	3	4	5	6	7	8	9	10
Picture									
Energy	5.12KWh	7.68KWh	10.24KWh	12.8KWh	15.36KWh	17.92KWh	20.48KWh	23.04KWh	25.6KWh
Nominal voltage	102.4V	153.6V	204.8V	256V	307.2V	358.4V	409.6V	460.8V	512V
Dimension (L*W*H)mm	650*210*700	650*210*880	650*210*1060	650*210*1240	650*210*1420	650*210*1600	650*210*1780	650*210*1960	650*210*2140
Weight(KG)	69	93	117	141	165	189	213	237	261

Single module Technical Specification

Module	51.2V 50Ah,2.56kWh
Dimension (L*W*H)	High-voltage box: 650*210*250mm, battery: 650*210*180mm, base: 650*210*90mm
Weight	High - voltage box: 14 kg, battery: 24 kg, base: 7 kg.
Rated voltage	51.2V
Rated capacity	50Ah
Electric quantity	2.56kWh
Recommended charging current	25A
Maximum continuous charging/discharging current	50A
Display method	LED display
Communication	RS485/RS232/CAN
Charging temperature	0℃~45℃
Discharge temperature	-20℃~55℃
Environment	Indoors/under the outdoor eaves
Relative humidity	5%~95%
Cooling	Natural convection
Cell technology	Lithium-iron phosphate (LiFePO4)
Life cycle	6000 times @90%DOD，25℃/0.5C
IP Rating	IP65
Certificates	UN38.3、MSDS、MSR、CB、CE-EMC、UKCA、CE-GPSD、UL1973、UL9540A

*The actual product may have slight differences from some promotional videos or pictures. Please refer to the actual product. Unless otherwise specified the data on this page are all from our company's laboratory. The data may have errors due to changes in the objective environment.
*The specifications are subject to change without prior notice.

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