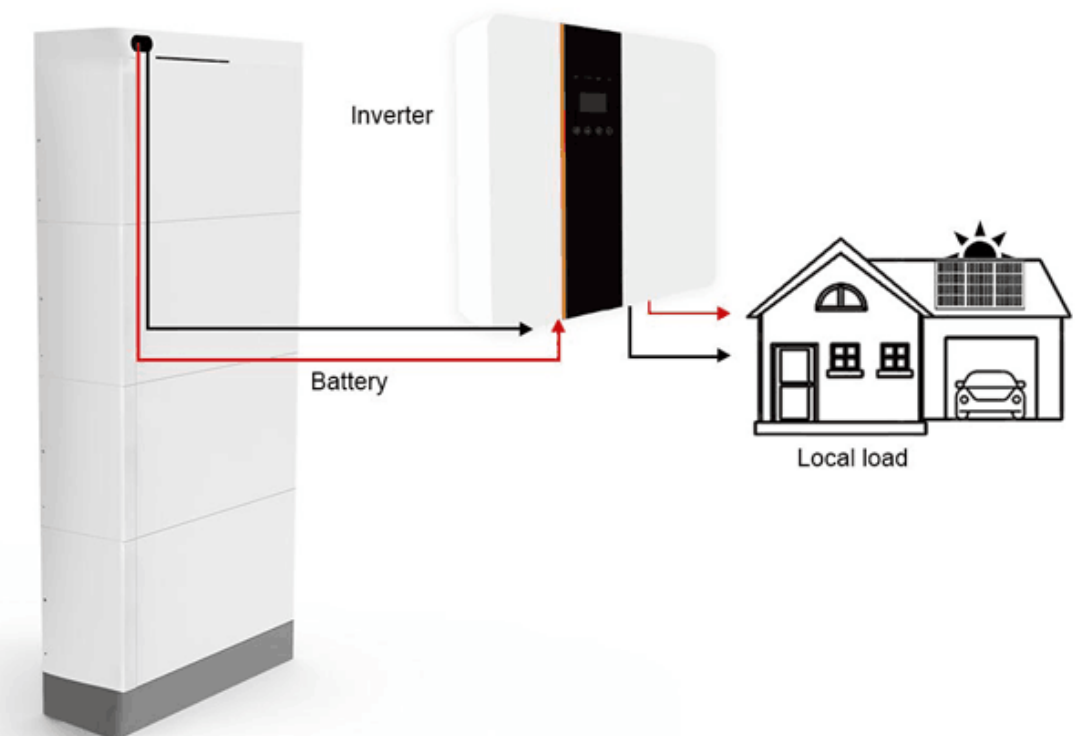




LV-BST-L2.56Aa

Stackable LiFePO4 Battery for Energy Storage System

- 51.2V Low voltage LiFePO4 battery module, Single module is 51.2V 50Ah 2.56kWh.
- 3 to 10 layers recommended.
- Can choose common 48V single or three phase 5KW, 8KW, 10KW, 12KW off grid or hybrid on and off grid solar inverter.
- Cobalt Free Lithium Iron Phosphate (LFP) Battery: Maximum Safety, Life Cycle and Power.
- Capable of High-Powered Emergency-Backup and Off-Grid Function.
- Self-Consumption Optimization for Residential and Commercial Applications.
- Modular Design Simplifies Transport and Installation.








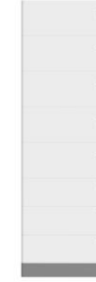


Shenzhen Lithium Valley Technology CO., LTD

Head Office:
Room 2018, Huilong Business Center
Minzhi Street, Longhua District
Shenzhen China

Factory address:
No.4, Fuzhu 4th Street Zhangyang
Community Zhangmutou Town
Dongguan China

Logistic Center:
Unit 11,27/F, K. Wah Centre, 191 Java
Road, North Point, Hong Kong

Technical Specification

Model	51.2V 150Ah	51.2V 200Ah	51.2V 250Ah	51.2V 300Ah	51.2V 350Ah	51.2V 400Ah	51.2V 450Ah	51.2V 500Ah
Number of layers	3 layers	4 layers	5 layers	6 layers	7 layers	8 layers	9layers	10layers
Picture								
Energy	7.68KWh	10.24KWh	12.8KWh	15.36KWh	17.92KWh	20.48KWh	24.04KWh	25.6KWh

Operating Voltage Range : 43.2V~56.16V

Dimension (L*W*H)mm	600*210*720	600*210*900	600*210*1080	600*210*1260	600*210*1440	600*210*1620	600*210*1800	600*210*1980
Weight(KG)	94	123	152	181	210	239	268	297
Recommend charge current	50A	50A	50A	50A	50A	50A	50A	50A
MAX. continuous charge current	100A	100A	100A	100A	100A	100A	100A	100A
MAX. continuous discharge current	100A	100A	100A	100A	100A	100A	100A	100A
Peak discharge current	200A	200A	200A	200A	200A	200A	200A	200A

LED Display	The information of Battery, such as SOC, battery working status.
Communication	Support RS485 / CAN
Operating temperature	-20℃~55℃
Environment	Indoor
Relative humidity	5%~95%
Cooling	Natural cooling
Cell technology	Lithium-iron phosphate (LiFePO4)
Life cycle	3500 times @80%DOD

Single module Technical Specification

Module	51.2V 50Ah, 2.56kWh
Dimension (L*W*H)	600*210*160mm
Battery module weight	29kg

