



Residential LFP Battery Series

LV-BAT-W2.56Ac

51.2V 50Ah 2.56kWh

A sleek and space-saving solution for your energy storage needs. With its compact design and easy installation, it seamlessly blends into any environment. Whether in your home, office, or commercial space, our wall-mounted unit provides reliable and efficient energy storage.



LV-BAT-W2.56Ac is a perfect wall-mounted solar energy lithium battery for residential home use. Built-in with High-Quality LiFePO4 large capacity cells. It ensures a long cycle life of the battery system. The designed BMS is verified to be compatible with different brands of inverters, hybrid on grid&off grid or off grid.

**DONGUAN
LITHIUM VALLEY
ENERGY CO., LTD .**

FEATURES



Unique Design

New wall
mount design



Flexible Capacity

Max.15pcs in Parallel to
extend capacity



Safe & Reliable

Lithium Iron
Phosphate (LFP) Cell



LED Display

SOC, Battery Status



Easy Installation

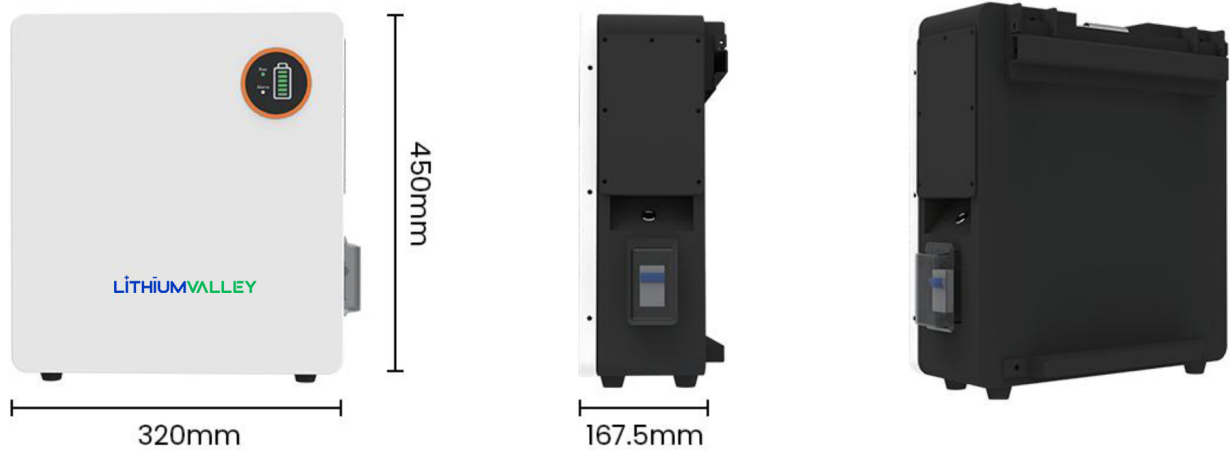
Quick plug in +/- and
parallel connection



Communication

RS232,CAN,RS485

Dimensions



Model	LV-BAT-W2.56Ac
Nominal Voltage	51.2V
Rated Capacity	50Ah
Energy	2560Wh
Charging Cut-off Voltage	56.16 V
Discharge Cut-off Voltage	45.6 V
Recommend Charge Current	0.2C 20A
Max.Charge Current	0 • • 15 • 20A;15 • • 45 • 50A;
Max.Continue Discharge Current	100A,-20 • -60 • ,65±20%RH
Charge temperature	0~55°C
Discharge temperature	-20~60°C
Storage Environment (50% state of charge)	20°C ~ 45°C in three months; 25±3°C over three months; Humidity:65±20%RH
Environment	Indoor/outdoor under roof (avoid direct sunlight)
Installation	Wall mounted
Cell Technology	Lithium iron phosphate (LiFePO4)
Life Cycle	6000 times @80%DOD
Cooling	Natural convection
Protection Rating	IP65
Certificates	CB, IEC62619, UL1973, UKCA, CE-EMC, CE-GPSD, EN62619 ; UN38.3, MSDS
Dimension and Weight	
Dimension	450*320*167.5mm
Weight	40KG
Communication Instruction	
Communication	RS232, CAN, RS485

*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.

