



Residential LFP Battery Series

LV-BAT-W5.12Da
51.2V 100Ah 5.12kWh

LV-BAT-W10.24Da
51.2V 200Ah 10.24kWh

LV-BAT-W15.36Da
51.2V 300Ah 15.36kWh

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-W5.12/10.24/15.36Da 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.



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

Dimensions



Model	LV-BAT-W5.12Da	LV-BAT-W10.24Da	LV-BAT-W15.36Da
Nominal Voltage	51.2V		
Rated Capacity	100Ah	200Ah	300Ah
Energy	5120Wh	10240Wh	15360Wh
Charging Cut-off Voltage	56.16 V		
Discharge Cut-off Voltage	45.6 V		
Recommend charge/discharge current	50A	100A	100A
Maximum continuous charge/ discharge current	100A	200A	200A
Instantaneous discharge current	200A/3S	400A/3S	400A/3S
Charge temperature	0~55℃		
Discharge temperature	-20~60℃		
Storage Environment (50% state of charge)	20℃ ~ 45℃ in three months; 25±3℃ over three months; Humidity:65±20%RH		
Environment	Indoor		
Installation	Wall mounted		
Cell Technology	Lithium iron phosphate (LiFePO4)		
Cooling	Natural convection		
Protection Rating	IP21		
Dimension and Weight			
Dimension	442*500*140mm	442*820*142mm	660*820*140mm
Weight	41.88KG	78.85KG	120.77KG
Communication Instruction			
Communication	RS232, CAN, RS485		