LITHIUMVALLEY





Residential LFP Battery Series

LV-BAT-W10.24Ac **51.20V 200Ah 10.240kWh**

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-W10.24Ac 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.

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FEATURES

Unique Design
New wall mount design

Flexible Capacity
Max.15pcs in Parallel to extend capacity

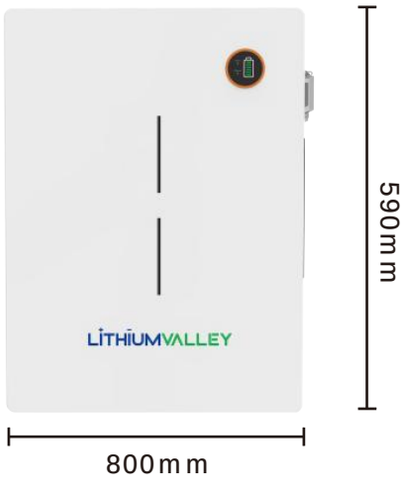
Safe &Reliable
Lithium Iron Phosphate (LFP) Cell

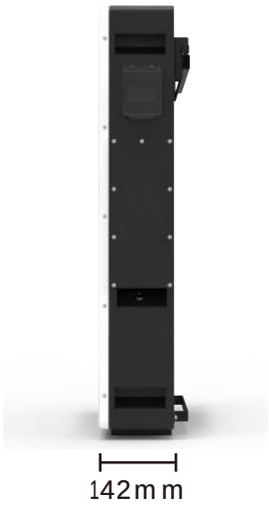
LED Display
SOC, Battery Status

Easy Installation
Quick plug in +/- and parallel connection

Communication
RS485

Dimensions







Model	LV-BAT-W10.24Ac
Nominal Voltage	51.2V
Rated Capacity	200Ah
Energy	10240Wh
Charging Cut-off Voltage	56.16V
Discharge Cut-off Voltage	45.6 V
Recommend charge/discharge current	50A
Maximum continuous charge/discharge current	100A
Instantaneous discharge current	200A/1S
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
Installation	Wall-mounted
Cell Technology	Lithium iron phosphate (LiFePO4)
Life Cycle	6000 times @80%DOD
Cooling	Natural cooling
Protection Rating	IP65
Certificates	CB, IEC62619, UL1973, UKCA, CE-EMC CE-GPSD, EN62619 ; UN38.3, MSDS

Dimension and Weight

Dimension	800*590*142mm
Battery Net Weight/Gross Weight	98KG/106KG

Communication Instruction

Display	State of charge indicator (SOC), LED display
Communication	RS232, CAN, RS485