Wall Mounted LiFePO4 Battery

51.2V 200Ah 10kWh

LV-BAT-W10.24Ac

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

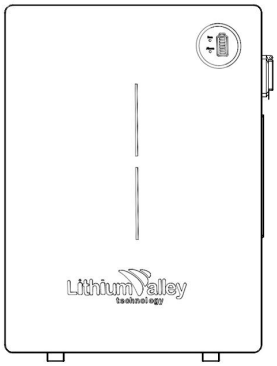
Quick plug in +/- and parallel connection

Certificates

CB , UN38.3, MSDS, CE EMC UL1973,UL9540A

Technical Specification

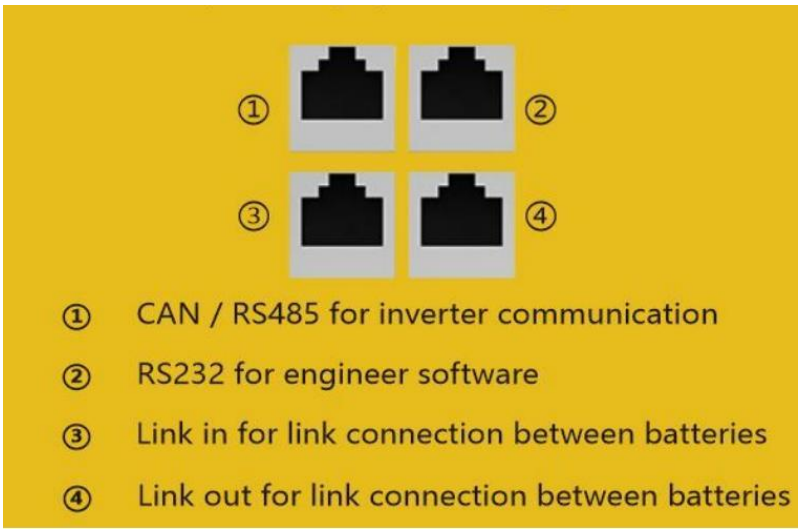
Model	LV-BAT-W10.24Ac



General Specification	
Model	LV-BAT-W10.24Ac
Nominal Voltage	51.2V
Rated Capacity	200Ah
Energy	10240Wh
Battery Impedance	≤ 50 mΩ
Charging Cut-off Voltage	56.16 V
Discharge Cut-off Voltage	45.6 V
Recommend Charge Current	0.2 C 40 A
Max Charge Current	0°C ~ 15°C: 40A; 15°C ~ 45°C: 100A;
Max Continue Discharge Current	200 A, -20°C~60°C ; 65±20%RH
Operating Temperature Range	–20~60℃
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/Floor stand
Cell Technology	Lithium-iron phosphate (LiFePO4)
Life Cycle	6000 times @80%DOD
Cooling	Natural convection
Protection Rating	IP65
Certificates	CB , UN38.3, MSDS, CE EMC UL1973,UL9540A

Dimension and Weight	
Dimension	800*590*142mm
Battery Net Weight (Approx.)	96.5KG

Communication Instruction	
RS232	Only for debugging, BMS can communicate with the host computer through the RS232 interface, so that various information of the battery can be monitored through the host computer, including battery voltage, current, temperature, status and battery production information, etc. The default baud rate is 9600bps.
CAN	For monitoring battery status, with isolated CAN communication, the default communication rate is 500K.
RS485	RS485 is used in parallel, with dual RS485 interfaces, can view the PACK information, the default baud rate is 9600bps.




Hanging bracket
LED indicator
Run
Alarm
Air switch
Lithium Valley
technology
Customized logo
Communications port
Supporting structure