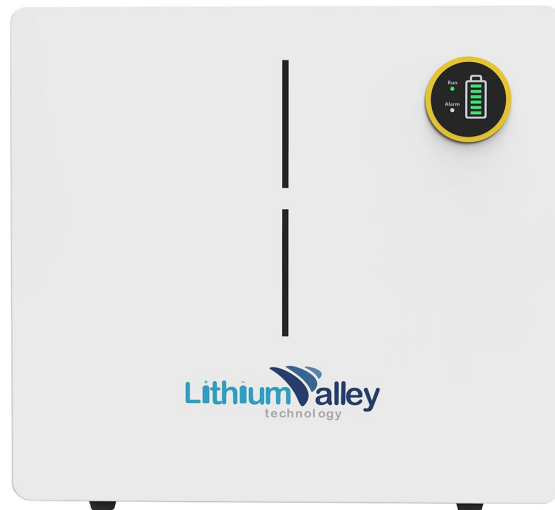


# Wall Mounted LiFePO4 Battery

## 51.2V 100Ah 5kWh

EU Version



### LV-BAT-W5.12Ac



#### 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



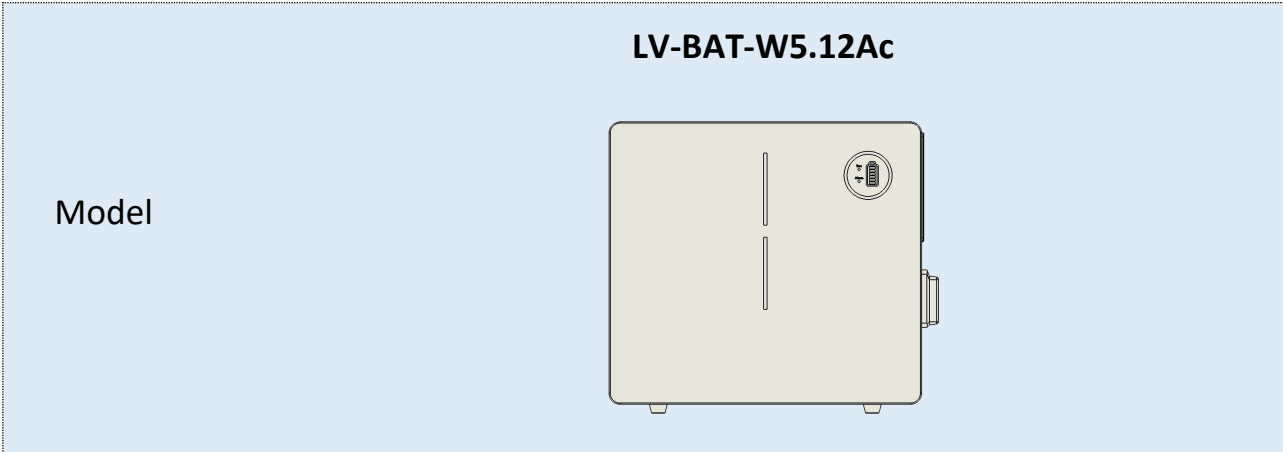
#### Easy Installation

Quick plug in +/- and parallel connection



#### Certificates

CB 62619:2017, UN38.3, MSDS  
CE EMC EN61000-6-2/4

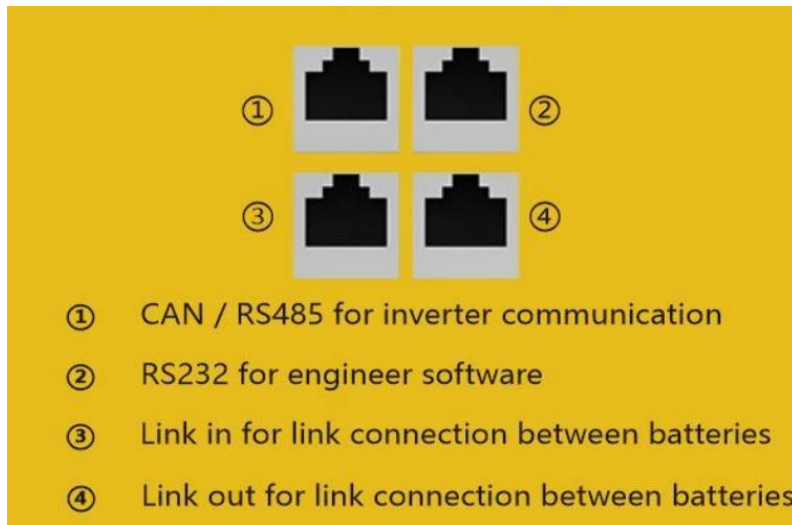


<b>General Specification</b>	
Model	LV-BAT-W5.12Ac
Nominal Voltage	51.2V
Rated Capacity	100Ah
Energy	5120Wh
Battery Impedance	≤ 50 mΩ
Charging Cut-off Voltage	56.16 V
Discharge Cut-off Voltage	45.6 V
Recommend Charge Current	0.5 C 50 A
Max Charge Current	0°C ~ 15°C: 50A; 15°C ~ 45°C: 100A;
Max Continue Discharge Current	100 A, -20°C~60°C ; 65±20%RH
Operating Temperature Range	-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 mount
Cell Technology	Lithium-iron phosphate (LiFePO4)
Life Cycle	6000 times @80%DOD
Cooling	Natural convection
Protection Rating	IP54
Certificates	CB 62619:2017, UN38.3, MSDS CE EMC EN61000-6-2/4

<b>Dimension and Weight</b>	
Dimension	520*470*141.5mm
Battery Net Weight (Approx.)	47.2KG

**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.





Applicable to EU countries or need certificated standard market as below:

CE-EMC, EN61000-6-2; EN 61000-6-4;

CB IEC, 62619:2017,

CE-GPSD, EN62619 .

Product Version: Ac12