

# YOUR PROFESSIONAL LITHIUM BATTERY SOLUTION PROVIDER

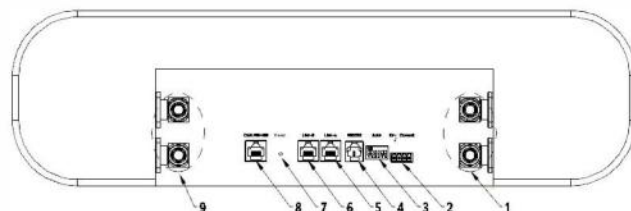
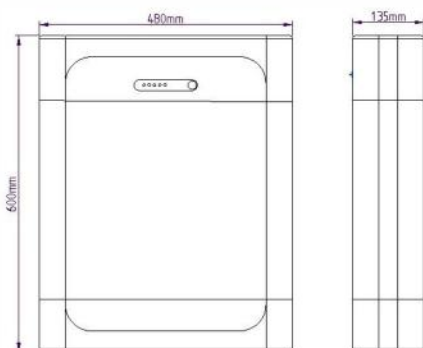


# LS Wall Mounted 48V Battery Module Series



Model	Parameter
Battery Type	LiFePO4
Energy	5120Wh
Rated Capacity	100Ah
Rated Voltage	51.2V
Battery cell	3.2V 100Ah Pirsmatic Battery Cell
Configuration (*S*P)	16S1P
Discharge Cut-off Protect Voltage	40V
Charge Cut-off Protect Voltage	58.4V
Max. Charge Current	100A
Max. Discharge Current	100A
Communication Port	CAN, Rs485
Compitable Inverter Brand	SMA, Growatt, Solax, Solis, DEYE, Sungrow, Sofar, Voltronic, Sorotec, Studer, etc.
Parallel	Max. 63 units in Parallels to get 322.5 kwh.
Cycle life	100% DOD 3000 times
L*W*H (mm)	600*480*135
Net Weight (KG)	58KG
Cooling	Natural cooling
Environment	Indoor
Mounting options	Floor or wall mount
Discharge Temperature (°C)	-10°C~+60°C
Charge Temperature (°C)	0°C~+45°C
Storage Conditions	-20°C to 30°C (-4°F to 86°F) Up to 95% RH, non-condensing State of Energy (SoE): 25% initial
Maximum Elevation	3000 m (9843 ft)

## DRAWING



### **PLUG&PLAY**

Convenient and flexible

### **FLEXIBLE**

Modular rack design for easier installation and smaller landscape

### **INTELLIGENT BMS**

Intelligent BMS to ensure a safe reliable operation

### **SAFE & RELIABLE**

Adopt high safety, long life, excellent performance LiFePO4 prismatic cells

### **LONG LIFE SPAN**

Over 4000 times of cycle life

### **INTERCONNECTION**

Multiple communications including RS485, CAN

### **PERFECT MATCH OF ENERGY STORAGE INVERTER**

Compatible with various brands of energy storage inverters

### **EXPANDABLE**

Parallel on cabinet level available

## **FEATURES**

- **Multi-level energy management, longer battery life.**
- **One-button switch machine, more convenient operation.**
- **Modular, ultra -thin wall hanging design, convenient installation.**
- **Multiple parallel support, high current charge and discharge.**
- **High BMS compatibility, perfect match of energy storage inverter.**
- **The adoption of high-performance processors, international brand devices, better stability.**



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