## 5KWH 48V 100Ah Lithium Battery Module







## **Perfect Compatible**

Compatible to Both Residential Single & Three Phase Inverter



Safe & Reliable

Lithium Iron Phosphate(LFP) cell CE,ISO9001,UN38.3,FCC



**Easy Installation** 

Fast and simple installation



**Smart BMS** 

Advanced BMS system control power output smartly and effectively



Flexible Expansion

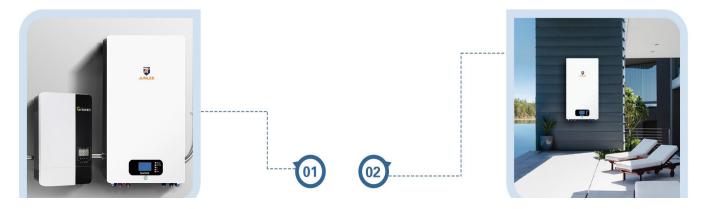
5kwh modular design, scalable from 5 to 30 kWh



## Long Life and safety

Ensure more than 4000 cycles with 80% DOD

Specification	
Voltage	48V
Capacity	100Ah(C5,25 °C )
Energy	4.8kWh
Internal Resistance	≤30mΩ
Cycle Life	≥4000 cycles@1C 80% DOD
Communication	
Communication	RS485/CAN/RS232(only for parallel operation)
Compatible inverters	Growatt, Deye, Goodwe, Sofar, Sorotec, Pylontech and ect.
General Specification	
Months Self Discharge	<3%
Efficiency of Charge	100% @ 0.2C
Efficiency of Discharge	96-99%@1C
Charge Mode	54.8±0.2V
Charge cut-off voltage	0.2C Charge to 54.8V,then 54.8V Charge to 0.02C cut-off
Charge current	20A
Max charge current	50A
Continuous current	100A
Discharge cut-off voltage	37.5V
Continuous discharge current	100A
Operating temperature	0 $^\circ C$ to 55 $^\circ C$ (32F to 131F) @60±25% Relative Humidity
Relative humidity	5%~95%
Cell & Method	Lithium-iron phosphate(LiFePO4) 3.2V 100AH-15S1P
Plastic Case	Iron
Dimensions	680*400* 180mm (26.7 * 15.7 *7.0 inch)
Weight	57 kg approximate
Environment	Indoor/Outdoor
Installation	Floor stand(optional),Wall mount(standard)
Scalability	Max.8 pieces in parallel operation



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