4.8kWh 48V 100Ah Lithium ion 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

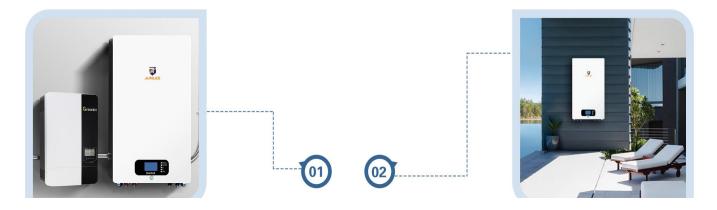
5kwh modular design, scalable from 5 to 30 kWh



Long Life and safety

Ensure more than 5000 cycles with 80% DOD

Specification	
Voltage	48V
Capacity	100Ah(C5,25 ℃)
Energy	4.8kWh
Internal Resistance	≤30mΩ
Cycle Life	≥5000 cycles@1C 80% DOD
Communication	
Communication	RS485/CAN/RS232(only for parallel operation)
Compatible inverters	Growatt, Deye, Goodwe, Sofar, Sorotec, Pylontech and etc.
General Specification	
Monthly Self Discharge	<3%
Efficiency of Charge	100% @ 0.2C
Efficiency of Discharge	96-99%@1C
Charge Mode	54.7±0.2V
Charge cut-off voltage	0.2C Charge to 54.7V, then 54.7V 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° 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	620*485*220mm
Weight	52 kg approximate
Environment	Indoor/Outdoor
Installation	Floor stand
Scalability	Max.4 pieces in parallel operation



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