

■ LFP 5-10kWh/LV



LFP 5-10KWH / LV

51.2V 100/200Ah

LiFePO4 BATTERY

- High inverter compatibility
- Natural cooling system
- >15Years life span
- Reliable LFP cells
- Scalable up to 160kWh (16Parallel)
- Cells cycle times 6000 cycles
- CANbus standard connection
- IP65 Rating Triple hardware protection
- Smart BMS system to optimize the performance



Specifications

Electrical Characteristics

Model	LFP 5kWh/LV	LFP 10kWh/LV
Available Energy	4.6kWh	9.2kWh
Nominal Discharge/Charging power	2.5kW	5kW
Peak Power (Discharge Only)	2.9kWh for 3 seconds	5.8kWh for 3 seconds
Constant Current (Discharge Only)	50A	100A
Voltage Range	48-56Vd.c	
Nominal Voltage	51.2Vd.c	
Max. Charge Voltage	59.2V±0.5Vd.c	
Weight	65kg	116.5kg
Dimension(mm)	490(550)*650(700)*196(216)mm	585(645)*940(995)*205(225)mm
Certificates	CE, UN38.3, IEC62619, IEC63056	

Max.recommended DOD	90%
Operating Condition	indoor or outdoor
Operating Temperature	Charge 0~45°C
	Discharge -10~50°C
Humidity	4~100% (No condensed water)
Pollution Degree	3
Over Voltage Category	II
Cooling Type	Natural cooling
Case Material	Metal+Plastic
IP rating	IP 65
Protective Class	I
Max.Number of Parallel or Series	16
Warranty	10 years
Life Span	>15 years
Communication	CAN/RS485
Protection Mode	Triple hardware protection
Battery Protection	Over-current/Over-voltage/Short circuit/Under-voltage
Hazardous Material Classification	9

Compatible Inverters

