

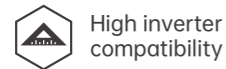
LFP 2.4-5.1 kWh/LV



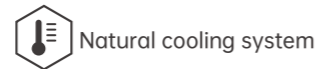
# LFP 2400 / 5000

# 51.2V 100Ah

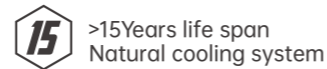
LiFePO4 BATTERY



High inverter compatibility



Natural cooling system



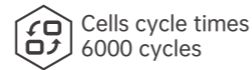
>15Years life span  
Natural cooling system



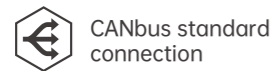
Reliable LFP cells



Scalable up to 10 Parallel



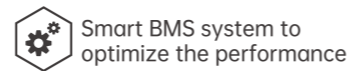
Cells cycle times  
6000 cycles



CANbus standard connection



IP20 Rating  
Triple hardware protection



Smart BMS system to optimize the performance



Specifications

Total Energy*	2.4kWh	5.1kWh
Usable Energy(d.c)*	2.4kWh	4.8kWh
Nominal Charge/Discharge Power	1.2kW	3.0kW
Peak Power(Only discharge)	3.5kW for 3 seconds	6.0kW for 3 seconds
Constant Current(Only discharge)	40A	80A
Voltage	48-56Vd.c	48-56Vd.c
Nominal Voltage	51.2Vd.c	51.2Vd.c
Nominal Current	30A	60A
Max.Chnarge Voltage	57.6V	57.6V
Recommended DOD	90%	90%
Operating Condition	Indoor	Indoor
Operating Temperature	Charge	From-0~45°C
	Discharge	From-10~55°C
Dimension(mm)	442*500*133	442*500*133
Weight	27.5kg	51kg
Humidity	20-60%(No condensed water)	20-60%(No condensed water)
Over Voltage Category	II	II
Cooling Type	Natural cooling	Natural cooling
Case Material	Metal	Metal
Color	Black/Dark Blue	Black/Dark Blue
Installation	Cabinet or Wall mounting	Cabinet or Wall mounting
IP rating	IP 20	IP 20
Protective Class	I	I
Max.Number of Parallel or Series	10	8
Warranty	10years	10years
Communication	CAN/RS485	CAN/RS485
Protection Mode	Triple hardware protection	Dual hardware protection
Battery Protection	Over-current/Over-voltage/Short circuit/Under-voltage/Over temperature	Over-current/Over-voltage/Short circuit/Under-voltage/Over temperature
Certification	CE&TUV(IEC 62619,IEC 62040)	CE&TUV(IEC 62619,IEC 62040)
Hazardous Material Classification	9	9
Transportation	UN 38.3	UN 38.3

Testing conditions based on temperature 25°C at the beginning of life.  
Total Energy/Usable Energy measured under specific conditions from Sunket 0.2C CC-CV

Drawings

