



LFP 5-10KWH / LV

51.2V 100/200Ah

LiFePO4 BATTERY



High inverter
compatibility



Natural cooling system



>15 Years life span



Reliable LFP cells



Scalable up to
160kWh 16 (Parallel)



Cells cycle times
6000 cycles



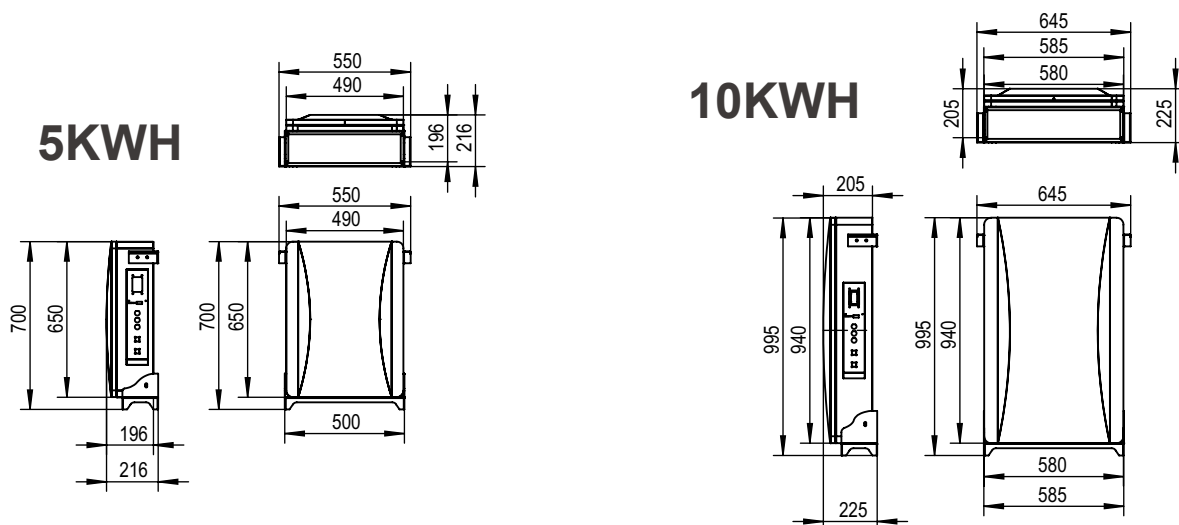
CANbus standard
connection



IP65 Rating
Triple hardware protection



Smart BMS system to
optimize the performance



Electrical Characteristics

Module Type	LFP 5kWh/LV	LFP 10kWh/LV
Nominal Capacitance	100Ah	200Ah
Total Energy*	5.12kWh	10.24kWh
Usable Energy(DC)*	4.6kWh	9.2kWh
Nominal Dis-/Charge Power	2.5kW	5kW
Peak Power(Only Discharge)	2.9kW for 3 seconds	5.8kW for 3 seconds
Constant Current(Only Discharge)	50A	100A
Voltage	43.2~58.4Vd.c	43.2~58.4Vd.c
Nominal Voltage	51.2Vd.c	51.2Vd.c
Max. Charge Voltage	58.4Vd.c	58.4Vd.c
Weight	58kg	109kg
Dimension(mm)	490(550)*650(700)*196(216)mm	585(645)*940(995)*205(225)mm
Safety	UL, UN38.3, IEC62619, IEC63056	UL, UN38.3, IEC62619, IEC63056

Max.recommended DOD	90%
Operating Condition	Indoor or outdoor
Operating Charge Temperature	From 0~45 °C
Discharge Temperature	From -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	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

