

5-10kW wall storage box

LFP 5-10kWh / LV
LiFePO₄ BATTERY

SBFC
HIGH TECH



High inverter compatibility



Natural cooling system



>15 Years life span



Reliable LFP cells



Scalable up to
160kWh 16 (Parallel)



Support old and
new model mixed use



CANbus standard
connection



IP65 Rating
Triple hardware protection

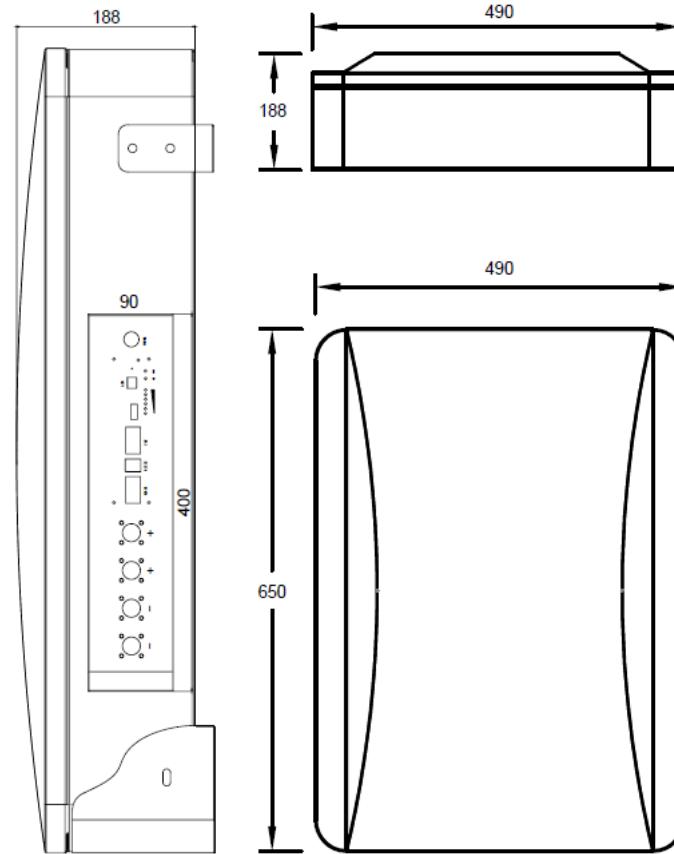


Support external
Bluetooth/Wi-Fi



LFP 5-10KWH / LV

Module Type	LFP 5kWh/LV	LFP 10kWh/LV
Total Energy*	5kWh	10kWh
Usable Energy(DC)*	4.6kWh	9.2kWh
Nominal Dis-/Charge Power	3kW	4.6kW
Peak Power(Only Discharge)	7kWh for 3 seconds	10kWh for 3 seconds
Constant Current(Only Discharge)	100A	100A
Voltage	40~58.4Vd.c	40~58.4Vd.c
Nominal Voltage	51.2Vd.c	51.2Vd.c
Nominal Current	60A	100A
Max. Charge Voltage	59.2V±0.5V d.c	59.2V±0.5V d.c
Weight	54kg	85kg
Dimension(mm)	490*650*188mm	600*850*188mm
Safety	CE UN38.3	CE UN38.3



Max.recommended DOD	90%
Operating Condition	Indoor or outdoor
Operating Temperature	From 0~45 °C
Charge Discharge	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 or Series	16
Warranty	10 years
Life Span	>15 years
Communication	CAN
Protection Mode	Triple hardware protection
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage
Hazardous Material Classification	9

Testing conditions based on temperature 25°C at the beginning of life.

*Total Energy/Usable Energy measured under specific conditions from 0.2C CC-CV

