



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)



Support old and new model mixed use



CANbus standard connection

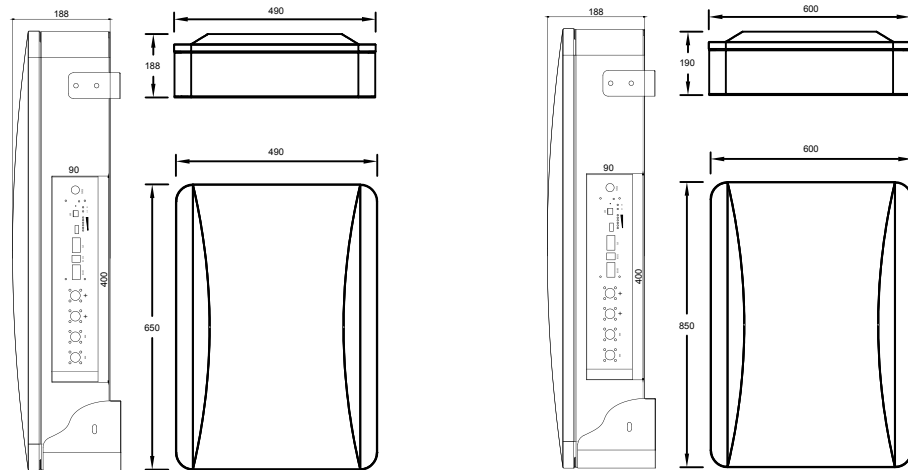


IP65 Rating  
Triple hardware protection



Support external Bluetooth/Wi-Fi





## Electrical Characteristics

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 <sub>(Only Discharge)</sub>	7kWh for 3 seconds	10kWh for 3 seconds
Constant Current <sub>(Only Discharge)</sub>	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 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 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

## Electrical Characteristics



[www.sunketess.com](http://www.sunketess.com)

[sales@sunket.cn](mailto:sales@sunket.cn)