

LFP 16KWH / LV

51.2V 314Ah

RECHARGERABLE LITHIUM BATTERY

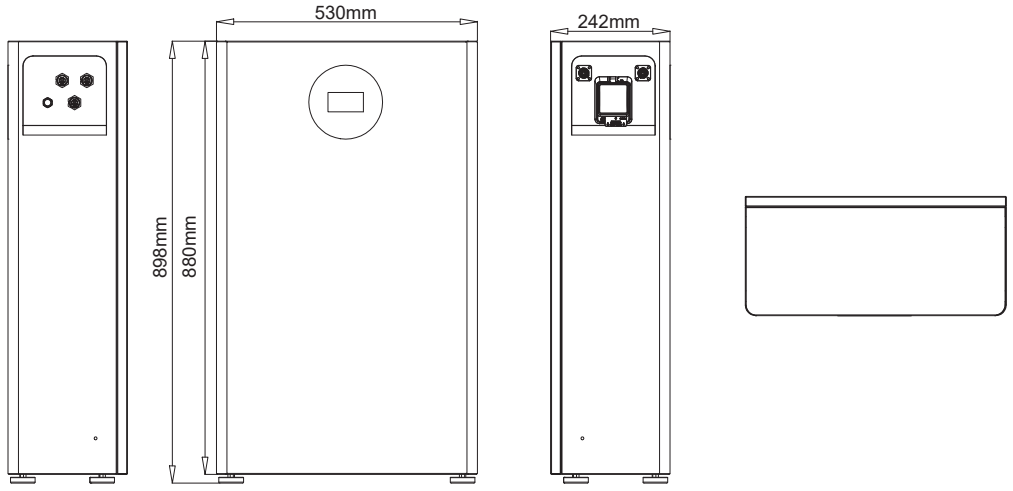
- High inverter compatibility
- Natural cooling system
- >15 Years life span
- Reliable LFP cells
- Scalable up to 256kWh 16 (Parallel)
- Cells cycle times 6000 cycles
- CANbus standard connection
- IP65 Rating Triple hardware protection
- Smart BMS system to optimize the performance

UN 38.3

SUNKET®-ESS

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Electrical Characteristics

Module Type	LFP 16kWh / LV
Nominal Capacity (at 25°C)	16kWh
Usable Capacity (90%DOD)	14.4kWh
Nominal Dis-/Charge Power	10kW
Peak Power(Only Discharge)	11.6kW for 3 seconds
Constant Current(Only Discharge)	200A
Operating Voltage Range	43~58V
Nominal Voltage	51.2Vd.c
Weight	120kg
Dimensions (Width×Height×Depth)	530*898*242mm
Certificates	UN38.3 , UL , BV

Operating Condition	Indoor or outdoor
Operating Temperature Charge	From 0~45°C
Operating Temperature Discharge	From -10~50°C
Humidity	Up to 90%（non- condensing）
Pollution Degree	3
Over Voltage Category	II
Cooling Type	Natural cooling
IP Rating	IP 65
Protective Class	I
Max. Number of Parallel	16
Warranty	10 years
Life Span	>15 years
Communication Interface	CAN/RS485
Protection Mode	Triple hardware protection
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage

Compatible Inverters

Deye
solis
MEGAREVO
SOFAR SOLAR
GROWATT
Afore艾伏
victron energy BLUE POWER
LUXPOWER TEK

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Specifications are subject to change without further notification
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