

LFP 16kWh / LV

51.2V 314Ah

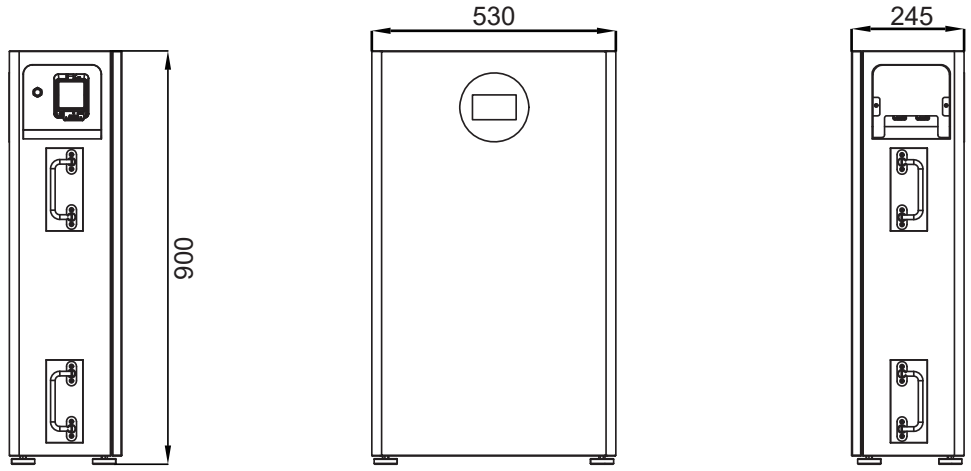
RECHARGEABLE LITHIUM BATTERY

- High inverter compatibility
- Natural cooling system
- >15 Years life span
- Reliable LFP cells
- Scalable up to 257kWh 16 (Parallel)
- Cells cycle times ≥6000 cycles
- CANbus standard connection
- IP65 Rating
  Triple hardware protection
- Smart BMS system to optimize the performance

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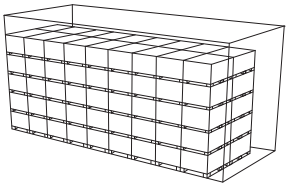


Electrical Characteristics

Module Type	LFP 16kWh / LV
Nominal Energy (at 25 °C)	16kWh
Usable Energy (90%DOD)	14.4kWh
Nominal Dis-/ Charge Power	8kW
Peak Power(Only Discharge)	9.2kW for 3 seconds
Constant Current(Only Discharge)	157A
Operating Voltage Range	43~58V
Nominal Voltage	51.2Vd.c
Weight	120kg
Dimensions (mm)	530*900*245mm
Certificates	UN38.3 / UL 1973

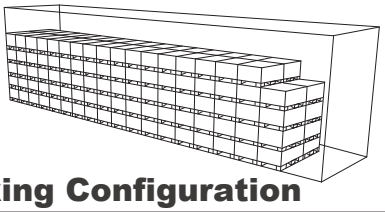
Operating Condition	Indoor or outdoor
Operating Temperature Charge	From 0~60°C
Operating Temperature Discharge	From -30~60°C
Humidity	Up to 90%（non- condensing）
Pollution Degree	3
Over Voltage Category	II
Cooling Type	Natural cooling
IP Rating	IP 65
Protective Class	I
Max. Number of Parallel	16
Cycle Life	≥ 6000 (@25°C ± 2°C , 0.5P / 0.5P, 70% EOL)
Communication Interface	CAN / RS485
Protection Mode	Triple hardware protection
Battery Protection	Over-current / Over-voltage / Short circuit / Under-voltage

20'GP



90 PIECES **CONTAINER**

40'HQ



178 PIECES **CONTAINER**

Packing Configuration

Wooden Box Dimensions	1016×591×410mm	
Container	20'GP	40'HQ
Pieces per Pallet	1	1
Pallets per Container	90	178
Pieces per Container	90	178

Compatible Inverters

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

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Specifications are subject to change without further notification
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