

LFP 16kWh / LV

51.2V 314Ah

RECHARGEABLE LITHIUM BATTERY

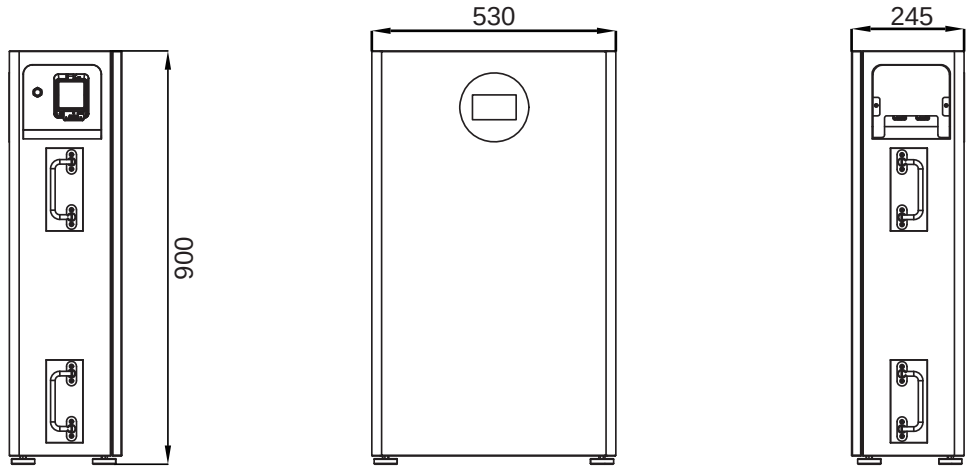
- High inverter compatibility
- Natural cooling system
- >15 Years life span
- Reliable LFP cells
- Scalable up to 64kWh 4 (Parallel)
- Cells cycle times 6000 cycles
- CANbus standard connection
- IP65 Rating
  Triple hardware protection
- Smart BMS system to optimize the performance

UN 38.3

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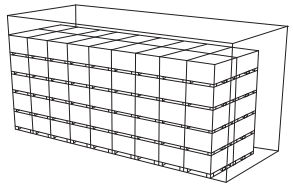


Electrical Characteristics

Module Type	LFP 16kWh / LV
Nominal Capacity (at 25℃)	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 (mm)	530*900*245mm
Certificates	UN38.3

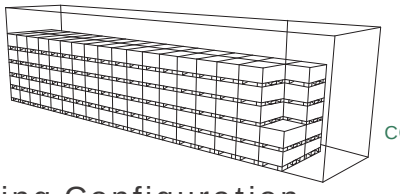
Operating Condition	Indoor or outdoor
Operating Temperature Charge	From 0~60℃
Operating Temperature Discharge	From -30~60℃
Humidity	Up to 90%（non- condensing）
Pollution Degree	3
Over Voltage Category	II
Cooling Type	Natural cooling
IP Rating	IP 65
Protective Class	I
Max. Number of Parallel	4
Warranty	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

20'GP



90 PIECES CONTAINER

40'HQ



177 PIECES CONTAINER

Packing Configuration

Wooden Box Dimensions	1020×595×440mm	
Container	20'GP	40'HQ
Pieces per Pallet	1	1
Pallets per Container	90	177
Pieces per Container	90	177

Compatible Inverters

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

sunket.com
sales@sunket.cn

Specifications are subject to change without further notification
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