

LFP 16000 / LV

51.2V 314Ah

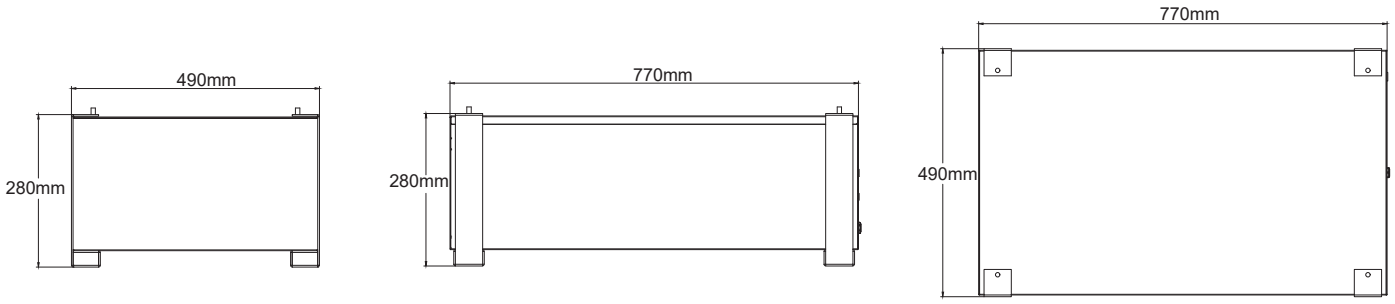
RECHARGEABLE LITHIUM BATTERY

- 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
- IP20 Rating
  Triple hardware protection
- Smart BMS system to optimize the performance

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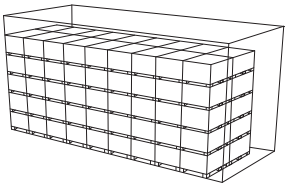


Electrical Characteristics

Module Type	LFP 16000 / LV
Nominal Energy (at 25 ℃)	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)	770*490*280mm
Certificates	UN38.3

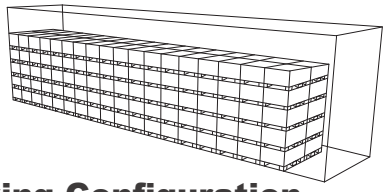
Operating Condition	Indoor
Operating Temperature Charge	From 0~45℃
Operating Temperature Discharge	From -10~50℃
Humidity	Up to 90%（non- condensing）
Pollution Degree	3
Over Voltage Category	II
Cooling Type	Natural cooling
IP Rating	IP 20
Protective Class	I
Max. Number of Parallel	16
Cycle Life	≥ 6000 (@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



180 PIECES CONTAINER

Packing Configuration

Wooden Box Dimensions	900×616×450mm	
Container	20'GP	40'HQ
Pieces per Wooden Box	1	1
Wooden Box per Container	90	180
Pieces per Container	90	180

Compatible Inverters

MEGAREVO, GROWATT, SOFAR, Afore, solis, Deye, victron energy, LUXPOWER TEK

sunket.com

sales@sunket.cn

Specifications are subject to change without further notification

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