



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
64kWh 4 (Parallel)



Cells cycle times
6000 cycles



CANbus standard
connection



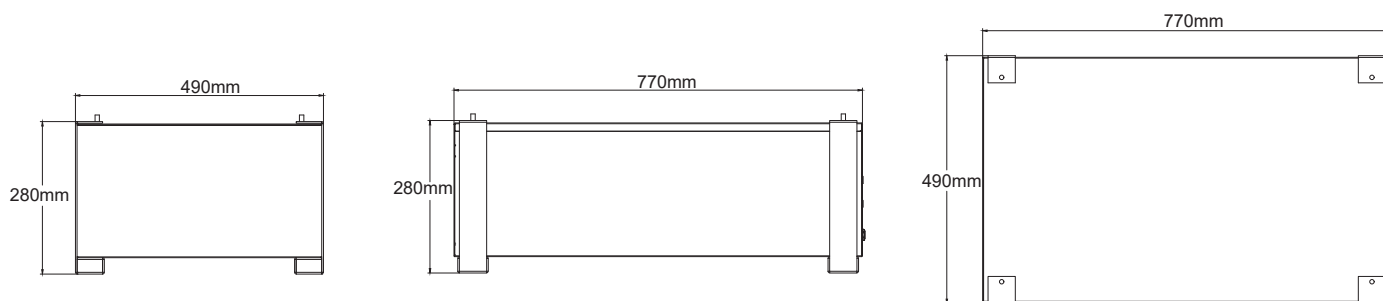
IP20 Rating
Triple hardware protection



Smart BMS system to
optimize the performance

UN 38.3

 **SUNKET[®]-ESS**

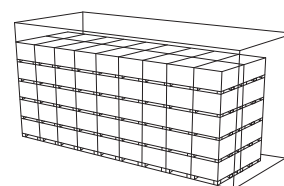


Electrical Characteristics

Module Type	LFP 16000 / LV
Nominal Capacity (at 25°C)	16kWh
Usable Capacity (90%DOD)	14.4kWh
Nominal Dis-/Charge Power	8kW
Peak Power _(Only Discharge)	9.2W for 3 seconds
Constant Current _(Only Discharge)	157A
Operating Voltage Range	43~58V
Nominal Voltage	51.2Vd.c
Weight	120kg
Dimensions (Width × Height × Depth)	770*490*280mm
Certificates	UN38.3

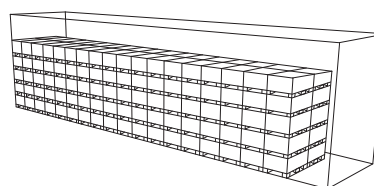
Operating Condition	Indoor
Operating Temperature Charge	From 0~45°C
Operating Temperature Discharge	From -10~50°C
Humidity	Up to 90% (non- condensing)
Pollution Degree	3
Over Voltage Category	II
Cooling Type	Natural cooling
IP Rating	IP 20
Protective Class	I
Max. Number of Parallel	4
Warranty	10 years
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



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

