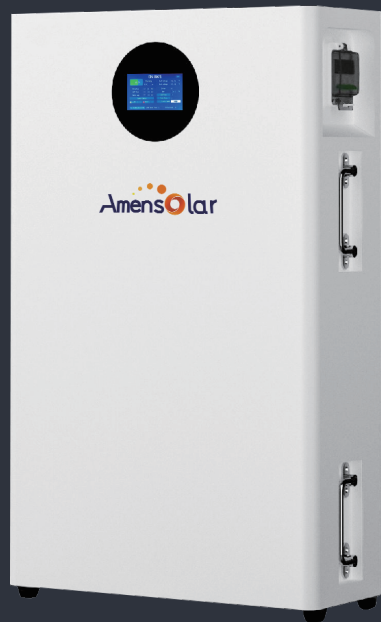




LFP 16kWh / LV LifePo4 Battery

51.2V/314Ah/16KWh

Floor-mounted



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

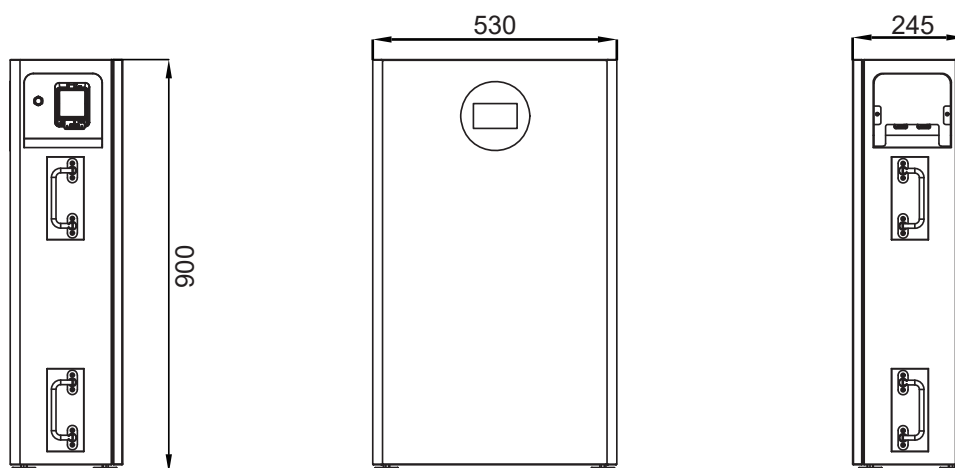


Smart BMS system to optimize the performance



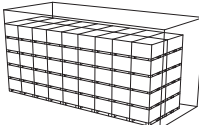
Web

Amensolar

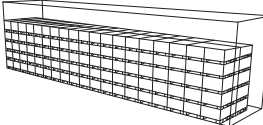


Model	LFP 16kWh / LV	
Nominal Energy (at 25°C)	16kWh	
Usable Capacity (90%DOD)	14.4kWh	
Nominal Dis-/ Charge Power	10kW	
Peak Power (Only Discharge)	11.6kW for 3 seconds	
Constant Current (Only Discharge)	200A	
Operating Voltage Range	43~58V	
Nominal Voltage	51.2Vd.c	
Weight	120kg	
Dimensions (Width × Height × Depth)	530*900*245mm	
Certificates	UL1973/IEC61000/IEC62619/CE/UN38.3/MSDS	
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	
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



40'HG



90
PIECES
CONTAINER

177
PIECES
CONTAINER

Packing Configuration

Packing	Carton	
Dimension (L*W*H)	1020x595x440mm	
Pieces per Pallet	1	
Container	20'GP	40'HQ
Pallets per Container	90	177
Pieces per Container	90	177