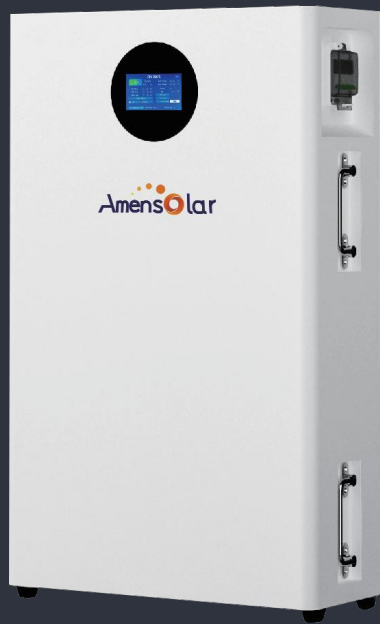




LFP 16kWh / LV LifePo4 Battery

51.2V/314Ah/16KWh

Floor-mounted



High inverter compatibility



Natural cooling system



>15 Years life span



Reliable LFP cells



Scalable up to 64kWh 4 (Parallel)



Cells cycle times 6000 cycles



CANbus standard connection



IP65 Rating Triple hardware protection

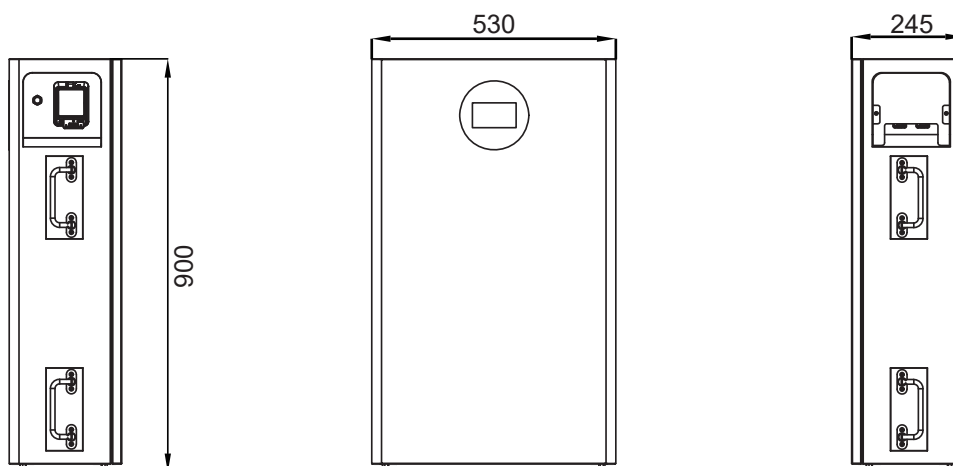


Smart BMS system to optimize the performance



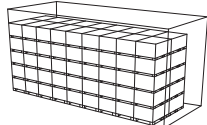
Web

Amensolar

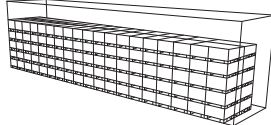


Model		LFP 16kWh / LV	
Nominal Energy (at 25°C)		16kWh	
Usable Capacity (90%DOD)		14.4kWh	
Nominal Dis-/ Charge Power		10kW	
Peak Power (Only Discharge)		11.6kW for 3 seconds	
Constant Current (Only Discharge)		157	
Operating Voltage Range		43~58V	
Nominal Voltage		51.2Vd.c	
Weight		120kg	
Dimensions (Width × Height × Depth)		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



40'HG



**90
PIECES
CONTAINER**

**190
PIECES
CONTAINER**

Packing Configuration

Packing	Carton	
Dimension (L*W*H)	965*595*445mm	
Pieces per Pallet	8	
Container	20'GP	40'HQ
Pallets per Container	12	32
Pieces per Container	120	176