



# 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

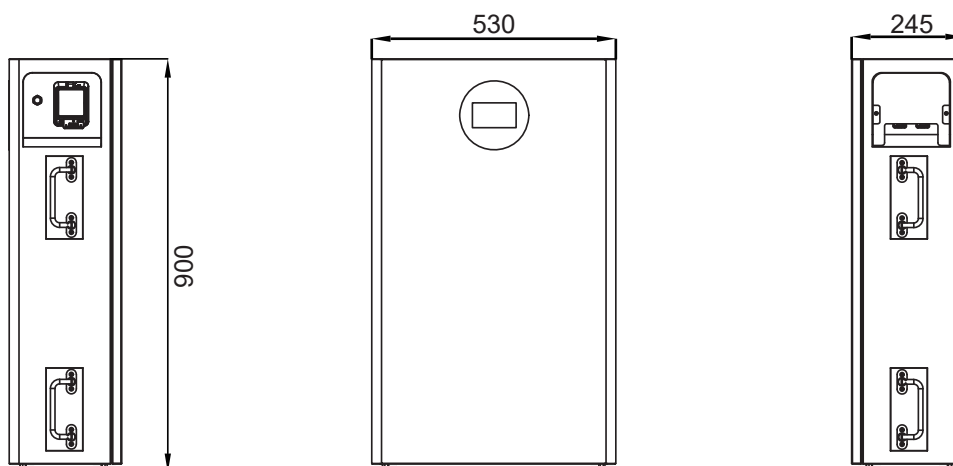


Smart BMS system to optimize the performance



Web

Amensolar



Model		LFP 16kWh / LV	
Nominal Capacity (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 -30~60°C		
Operating Temperature Discharge	From 0~60°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	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		

<p><b>20'GP</b></p>	<div style="border: 1px solid black; padding: 5px; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> <b>90</b> PIECES                 </div> <p>CONTAINER</p>
<p><b>40'HG</b></p>	<div style="border: 1px solid black; padding: 5px; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> <b>190</b> PIECES                 </div> <p>CONTAINER</p>

### Packing Configuration

Packing	Carton	
Dimension (L*W*H)	965*595*445mm	
Pieces per Pallet	1	
Container	20'GP	40'HQ
Pallets per Container	90	190
Pieces per Container	90	190