



AMF16000 LifePo4 Battery

51.2V/314Ah/16KWh

Floor-mounted



Cycle life

>8000 Cycles @ 90%DOD



Consistency of battery cells

20 Years life span
Settable charging voltage



Intelligent BMS

Wider compatibility;



Scalable: paralleled 32sets

Battery:16kWh - 512kWh



Compact Design and Safety Protection



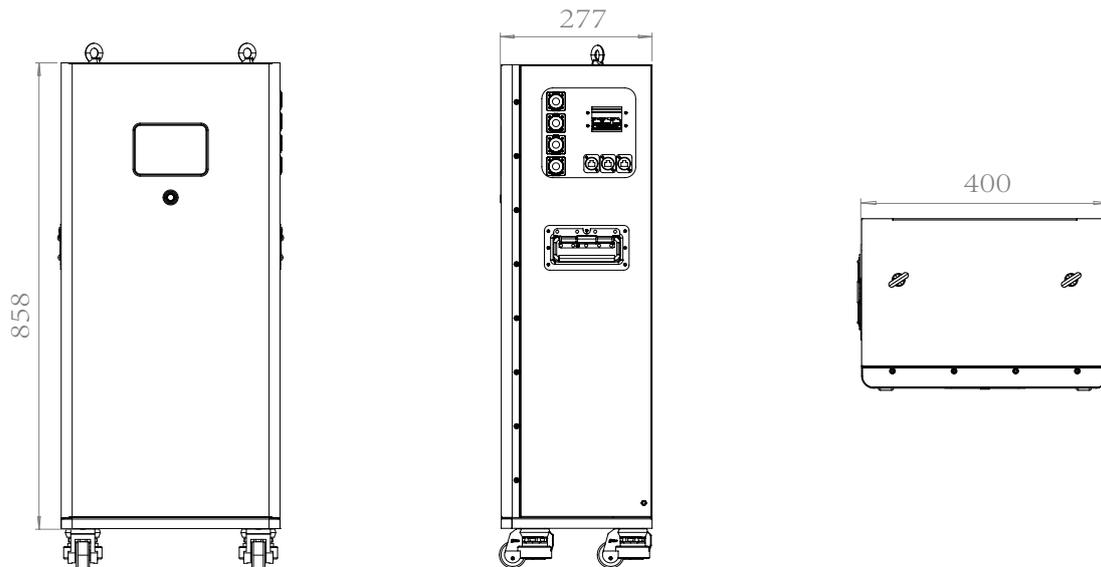
Touch screen

Set communication protocol and DIP
View battery information



Web

Amensolar



Model		AMF16000
Module Type	LFP 16kWh / LV	
Nominal Voltage	51.2V	
Operating Voltage Range	44.8~58.4V	
Nominal Capacity	300Ah	
Nominal Energy (at 25°C)	16kWh	
DOD	90%	
Charge/Discharge Current	100A	
Max Charge/Discharge Current	200A	
Charge Temperature	0~55°C	
Discharge Temperature	-10~50°C	
Relative Humidity	5% - 95%	
Communication Interface	CAN / RS485	
Enclosure Protection Rating	IP 52	
Cooling Type	Natural cooling	
Cycle Life	≥8000	
Warranty	10 years	
Life Span	20+ Years (25°C)	
Max. Pieces of Parallel	32	
Dimension (L*W*H)	968.5*409.7*278.2mm	
Weight	119kg	
Certificates	UL1973/IEC61000/CE/ UN38.3/MSDS	

<p>20'GP</p>	<div style="border: 1px solid black; padding: 5px; width: 40px; margin: 0 auto;">130</div> <p>PIECES</p> <p>CONTAINER</p>
<p>40'HG</p>	<div style="border: 1px solid black; padding: 5px; width: 40px; margin: 0 auto;">180</div> <p>PIECES</p> <p>CONTAINER</p>

Packing	Carton	
Dimension (L*W*H)	976*442*414mm	
Gross Weight (kg)	131kg	
Container	20'GP	40'HQ
Pieces per Pallet	5	3
Pallets per Container	26	60
Pieces per Container	130	180