



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 16 sets

Battery:16kWh - 256kWh



Compact Design and Safety Protection



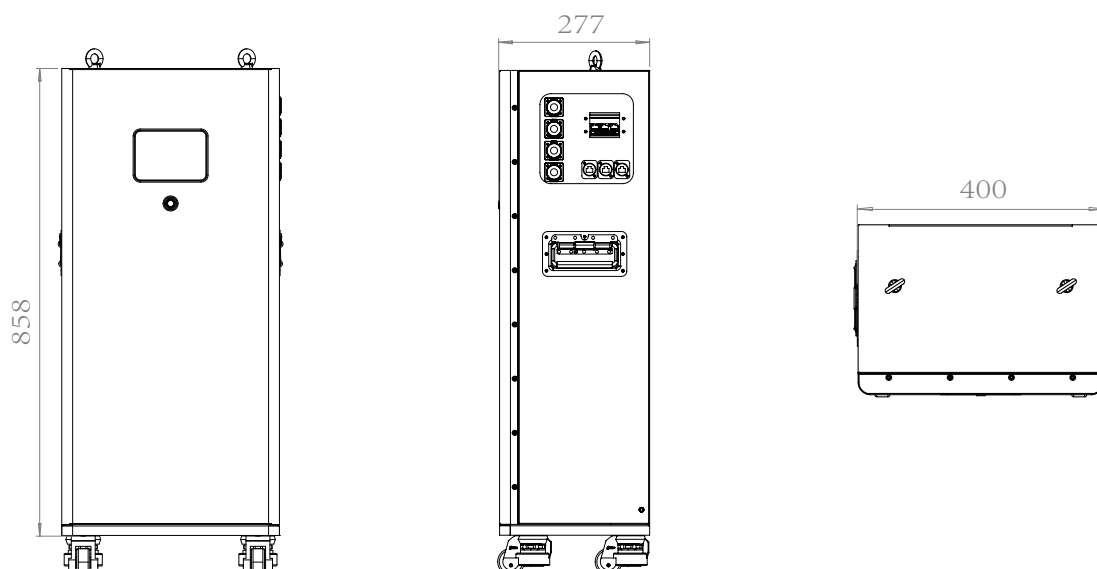
Touch screen

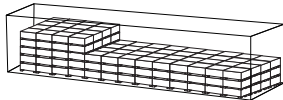
Set communication protocol and DIP
View battery information



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%	20'GP  130 PIECES CONTAINER	40'HG  180 PIECES CONTAINER																					
Communication Interface	CAN / RS485																							
Enclosure Protection Rating	IP 52																							
Cooling Type	Natural cooling																							
Cycle Life	≥8000																							
Warranty	10 years	Packing Configuration <table><tr><th>Packing</th><th colspan="2">Carton</th></tr><tr><td>Dimension (L*W*H)</td><td colspan="2">976*442*414mm</td></tr><tr><td>Gross Weight (kg)</td><td colspan="2">131kg</td></tr><tr><td>Container</td><td>20'GP</td><td>40'HQ</td></tr><tr><td>Pieces per Pallet</td><td>5</td><td>3</td></tr><tr><td>Pallets per Container</td><td>26</td><td>60</td></tr><tr><td>Pieces per Container</td><td>130</td><td>180</td></tr></table>		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
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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																							