



AMF16000 LifePo4 Battery

51.2V/300Ah/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



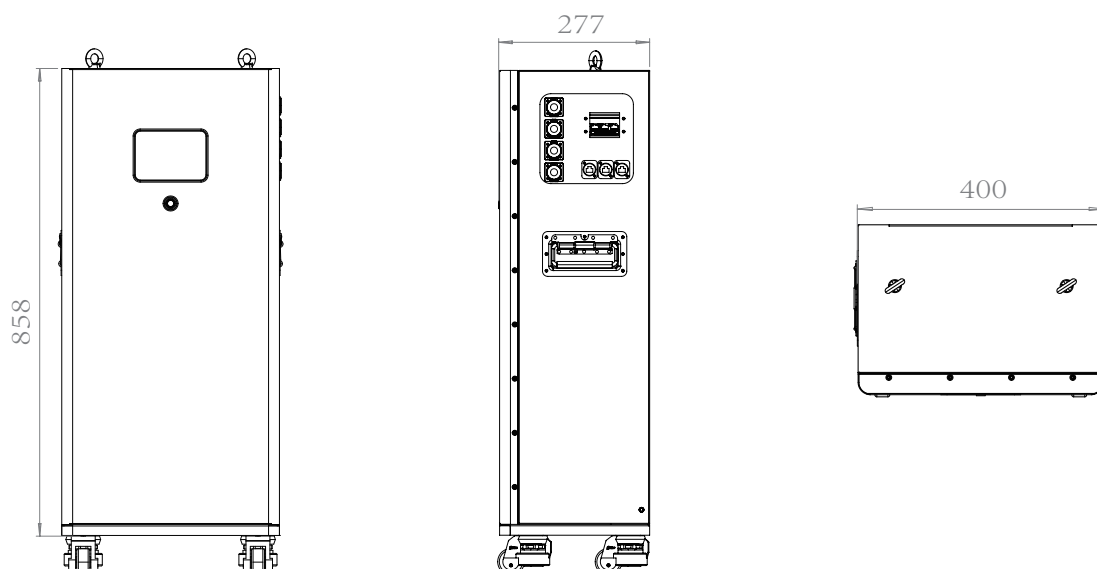
Touch screen

Set communication protocol and DIP
View battery information



Web

Amensolar

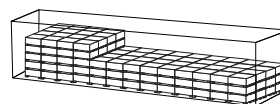


Model		AMF16000	
Module Type		LFP 16kWh / LV	
Nominal Voltage		51.2V	
Operating Voltage Range		44.8~58.4	
Nominal Capacity		300Ah	
Nominal Energy (at 25°C)		16kWh	
DOD		90%	
Charge/Discharge Current		100A	
Max Charge/Discharge Current		200A	
Charge Temperature		0~55°C	
Discharge Temperature		-10~50°C	
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		16	
Dimension (L*W*H)		277*400*858mm	
Weight		125±1kg	
Certificates		UL1973/IEC61000/CE/ UN38.3/MSDS	

20'GP


120
PIECES
CONTAINER

40'HG


176
PIECES
CONTAINER

Packing Configuration

Packing	Carton	
Dimension (L*W*H)	435*485*1005mm	
Gross Weight (kg)	137.5kg	
Pieces per Pallet	8	
Container	20'GP	40'HQ
Pallets per Container	12	32
Pieces per Container	120	176