



AMF16000 LifePo4 Battery

51.2V/200Ah/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



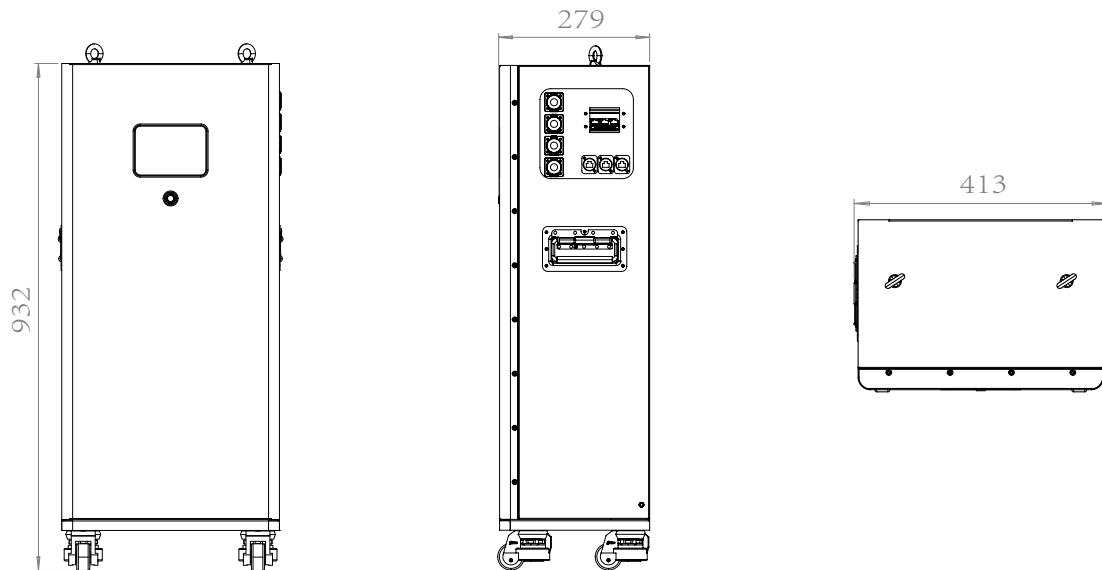
Touch screen

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	

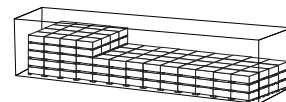
Packing	Carton	
Dimension (L*W*H)	435*485*1005mm	
Gross Weight (kg)	137.5kg	
Pieces per Pallet	8	
Container	20'GP	40'HQ
Pallets per Container	12	32
Pieces per Container	120	176

20'GP


 120
PIECES

CONTAINER

40'HG


 176
PIECES

CONTAINER

Packing Configuration