



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



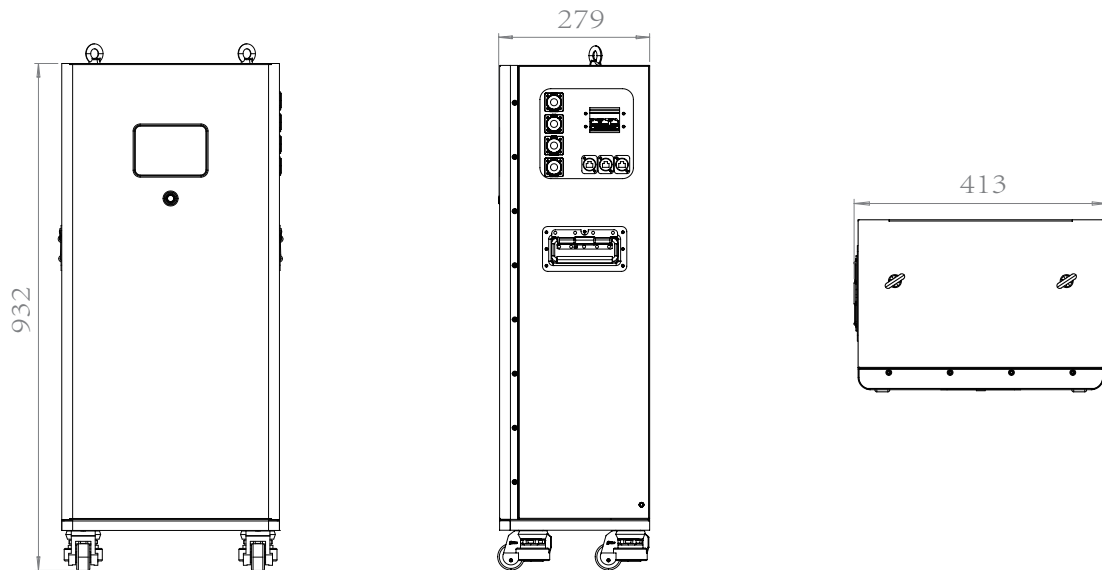
Touch screen

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		

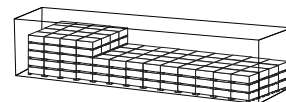
Packing	Carton	
Dimension (L*W*H)	435*485*1005mm	
Gross Weight (kg)	137.5kg	
Pieces per Pallet	8	
Container	20'GP	40'HQ
Pallets per Container	12	32
Pieces per Container	120	176

20'GP


 120
PIECES

CONTAINER

40'HG


 176
PIECES

CONTAINER

Packing Configuration