



S52200 LifePo4 Battery

51.2V/200Ah/10.24KWh

Stack-mounted



Cycle life

>6000 Cycles @ 90%DOD



Consistency of battery cells

20 Years life span
Settable charging voltage



Intelligent BMS

Wider compatibility;



Scalable: paralleled 16 sets

Battery:10.24kWh - 163.84kWh



Compact Design and Safety Protection



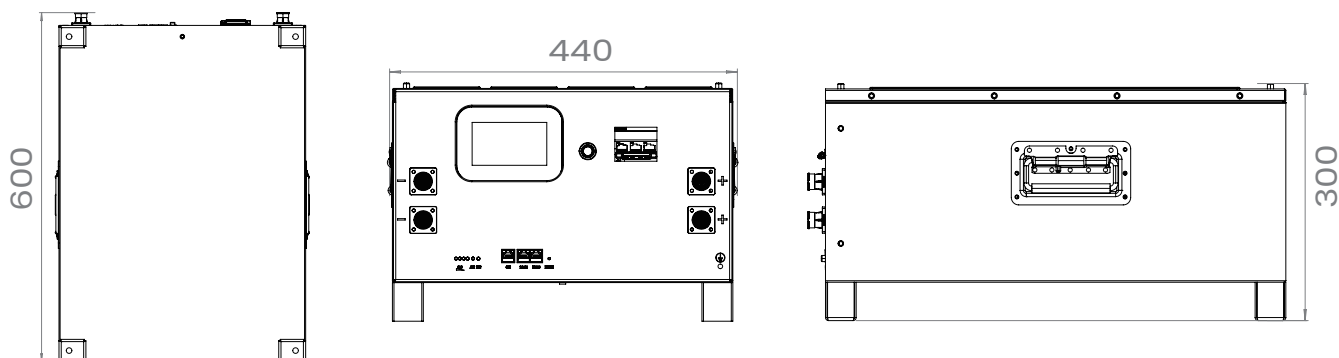
Touch screen

Set communication protocol and DIP
View battery information

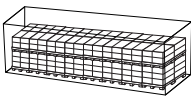


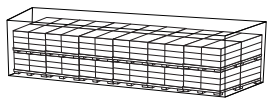
Web

Amensolar



Model		S52200	
Module Type		LFP 10.24kWh / LV	
Nominal Voltage		51.2V	
Operating Voltage Range		44.8~58.4V	
Nominal Capacity		200Ah	
Nominal Energy (at 25°C)		10.24kWh	
DOD		90%	
Nominal 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		≥6000	
Warranty		10 years	
Life Span		20+ Years (25°C)	
Max. Pieces of Parallel		32	
Dimension (L*W*H)		600*440*310mm	
Weight		80.9kg	
Certificates		IEC61000/IEC62619/CE/CB/UN38.3/MSDS	

20'GP

160
PIECES
CONTAINER

40'HG

260
PIECES
CONTAINER

Packing Configuration

Packing	Carton	
Dimension (L*W*H)	667*482*459mm	
Gross Weight (kg)	93.7kg	
Pieces per Pallet	10	
Container	20'GP	40'HQ
Pallets per Container	16	20
Pieces per Container	160	260