



S52300 LifePo4 Battery

51.2V/314Ah/16KWh

Stack-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



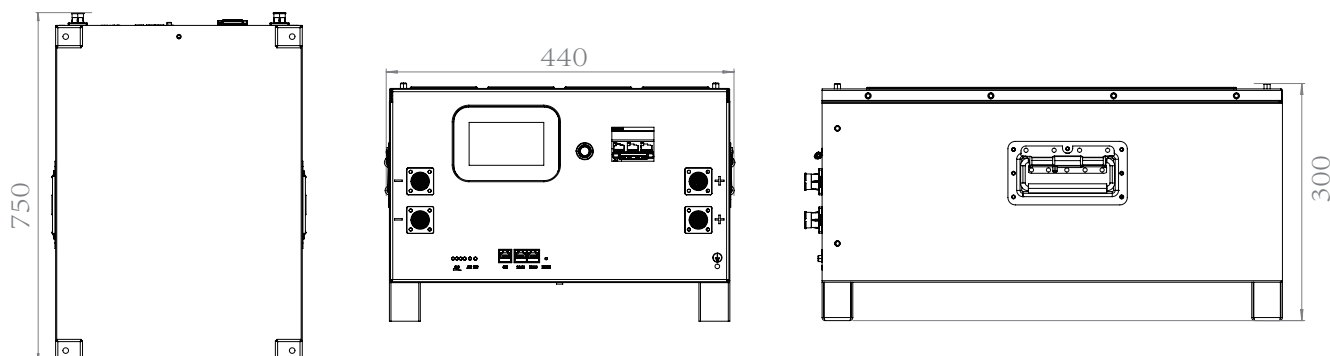
Touch screen

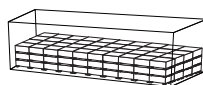
Set communication protocol and DIP
View battery information



Web

Amensolar



Model		S52300	
Module Type		LFP 16kWh / LV	
Nominal Voltage		51.2V	
Operating Voltage Range		44.8~58.4V	
Nominal Capacity		314Ah	
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  120 PIECES CONTAINER	
Communication Interface	CAN / RS485		
Enclosure Protection Rating	IP 52		
Cooling Type	Natural cooling		
Cycle Life	≥8000	40'HG  168 PIECES CONTAINER	
Warranty	10 years	Packing Configuration	
Life Span	20+ Years (25°C)		
Max. Pieces of Parallel	16		
Dimension (L*W*H)	750*440*300mm		
Weight	125±1kg		
Certificates	IEC61000/CE/UN38.3/MSDS		