



# S52300 LifePo4 Battery

51.2V/200Ah/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



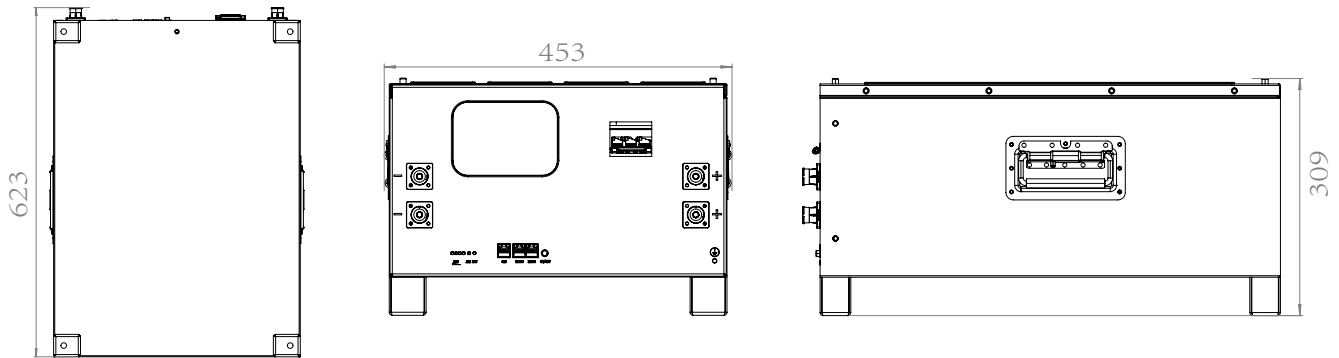
## Touch screen

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	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)	750*440*300mm		
Weight	125±1kg		
Certificates	IEC61000/CE/UN38.3/MSDS		

<p><b>20'GP</b></p> <p><b>120</b> PIECES CONTAINER</p>	<p><b>40'HQ</b></p> <p><b>168</b> PIECES CONTAINER</p>
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### Packing Configuration

Packing	Carton	
Dimension (L*W*H)	810*516*358mm	
Gross Weight (kg)	137.5kg	
Pieces per Pallet	6	
Container	20'GP	40'HQ
Pallets per Container	20	28
Pieces per Container	120	168