



Energy Wall S18 HV Stackable Battery



Flexible Expansion

Modular design, expandable from 4 modules to 14, with a capacity range of 72kWh~253kWh



Safe & Reliable

Selects A-grade LFP 314Ah battery cells from Tier 1 brands. It has stable performance, a long cycle life, and can reach up to 8000 charge - discharge cycles



High compatibility

Can adapt to mainstream high-voltage inverters in the market



Saves space

Many stackable systems are designed vertically, so they use less floor space and keep installations organized.

Model	S18-72.3-HPB	S18-90.4-HPB	S18-108.5-HPB	S18-126.6-HPB	S18-144.6-HPB	S18-162.7-HPB
Batteries Configuration	4 units	5 units	6 units	7 units	8 units	9 units
System battery configuration	1P72S	1P90S	1P108S	1P126S	1P144S	1P162S
Battery voltage range(Vdc)	201.6V ~ 259.2V	252V ~ 324V	302.4V ~ 388.8V	352.8V ~ 453.6V	403.2V ~ 518.4V	453.6V ~ 583.2V
Battery System (kWh)	72.32kWh	90.4kWh	108.48kWh	126.6kWh	144.6kWh	162.7kWh
Max. Matched Inverter Power	30kW	40kW	50kW	60kW	70kW	80kW
Model	S18-180.8-HPB	S18-198.9-HPB	S18-217.0-HPB	S18-235.1-HPB	S18-253.2-HPB	
Batteries Configuration	10 units	11 units	12 units	13 units	14 units	
System battery configuration	1P180S	1P198S	1P216S	1P234S	1P252S	
Battery voltage range(Vdc)	504V ~ 648V	554.4V ~ 712.8V	604.8V ~ 777.6V	655.2V ~ 842.4V	705.6V ~ 907.2V	
Battery System (kWh)	180.8kWh	198.9kWh	217.0kWh	235.1kWh	253.1kWh	
Max. Matched Inverter Power	90kW	100kW	110kW	115kW	125kW	
System Parameter						
Comm. Method with PCS	CAN2.0					
IP Rating	IP20					
Cooling Method	Intell. Forced Air Cooling					
Working Temperature (°C)	-20°C-55°C					
Humidity	0-95%					
Recommend Depth of Discharge	90%					
Noise (dB)	< 70dB					
Altitude	3000m					
Cloud Plat	APP+Web					
Certificates	IEC62619、EN61000、UN38.3					
Compatible Inverter List	Solis,Deye,Growatt,Fox,Sinexcel,Afore...					
Battery Pack						
Battery Pack Specifications	57.6V/18.08kWh/314Ah					
Life Cycles	8000, 70% SOH (90%DOD, 25°C)					
Fire Protection System	Aerosol					
Dimensions (W*D*H)(mm)	483mm*825mm*235mm					
Weight (Kg)	126±3kg					

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