



Energy Wall S5 HV

Stackable Battery



Flexible Expansion

Modular design, expandable from 3 modules to 16, with a capacity range of 15kWh~80kWh



Quick installation

Single module 44kg, can be disassembled and installed separately



Safe and Reliable

Using LFP battery cells, with stable performance and long cycle life, up to 6000 cycles



Built in intelligent BMS

Automatically manage batteries, balance individual battery cells, and have overcharge, overdischarge, and high/low temperature protection functions



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	S5-20.48-HPB	S5-25.06-HPB	S5-30.72-HPB	S5-35.84-HPB	S5-40.96-HPB	S5-46.06-HPB
Battery Type	LFP					
BatteryPACK Number	4	5	6	7	8	9
Nominal Energy (kWh)	20.48	25.06	30.72	35.84	40.96	46.06
Rated Voltage (V)	204.8	256	307.2	358.4	409.6	460.8
Capacity Range(kWh)	15.3~81.92					
Rated Current (A)	50					
Max Charging Current (A)	50					
Max Discharging Current (A)	50					

Model	S5-50.02-HPB	S5-56.32-HPB	S5-60.44-HPB	S5-66.56-HPB	S5-71.68-HPB	S5-81.92-HPB
Battery Type	LFP					
BatteryPACK Number	10	11	12	13	14	16
Nominal Energy (kWh)	50.02	56.32	60.44	66.56	71.68	81.92
Rated Voltage (V)	512	563.2	614.4	665.6	716.8	819.2
Capacity Range(kWh)	15.3~81.92					
Rated Current (A)	50					
Max Charging Current (A)	50					
Max Discharging Current (A)	50					

General Parameter	
Display	LED indicator
Communication Interface	RS485/CAN
Working Temperature Range (°C)	Charging:0~50;Discharging:-20~55
Operating Humidity Range	5%RH~95%RH,No condensation
Altitude	3000m
Cooling Method	Natural Cooling
IP Rating	IP20
Installation Method	Stackable Bracket
Scalability	3~16

Battery PACK Parameters	
Model	UX-5.1-HPB
Battery PACK Specifications	51.2V/5.12kWh/100Ah
Life cycles	6000@90%DOD, 25°C/0.5C
Dimensions(W*D*H)	483*550*130mm
Weight(Kg)	44

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