












PXSL-5-30Kwh

LiFePO4 Stacked Home Energy Storage Battery

-  High inverter compatibility
-  Natural cooling system
-  Reliable LFP cells
-  Supports RS485/WIFI/4G/CAN Communication For Remote Monitoring
-  Simple insert structure, wiring free flexible and convenient installation
-  IP65 Rating Triple hardware protection
-  >15 Years life span
-  Cells cycle times 6000 cycles
-  Smart BMS system to optimize the performance



Mechanical Specifications

Model	PXSL-5KWh	PXSL-10KWh	PXSL-20KWh	PXSL-30KWh
Dimensions (W*D*H)	570*400*390mm	570*400*550mm	570*400*870mm	570*400*1190mm
Weight	70kg	120kg	220kg	320kg

Battery Specifications

Battery configuration	1 x 100Ah	2 x 100Ah	4 x 100Ah	6 x 100Ah
Nominal capacity	5KWh	10KWh	20KWh	30KWh
Nominal voltage	51.2V			
Rated charge/discharge ratio	0.5C			
Depth of discharge	90%			
Cycles (25°C, 80%SOC)	6000 times			
Communication	RS485/ CAN/RS232			
Certifications	Cell:UL1973,IEC62619, IEC62133. / Pack:UL1973,MSDS, UN38.3,CE			

Inverter Specifications

AC input /range	110/220Vac/(90Vac-240Vac)±2%
Frequency	50Hz-60Hz (auto detect)
Efficiency	>95%
Rated output voltage	120vac (100/105/110vac settable)
Rated output power	5000w
Peak power	10000VA
Max bypass overload current	63A
Rated battery input voltage	48V (min starting voltage 44V)

AC Charging mode

Max charging current	40A
Charge voltage range	40-60Vdc
Short circuit breaker spec	63A

Solar Charging mode

Max PV open circuit voltage	500vdc
PV operating voltage range	120-500vdc
MPPT voltage range	120-450Vdc
Max output power	5000W
Solar Charging current (settable)	0-80A (settable)

AC Output

Output voltage waveform	Pure sine wave
Rated output voltage (Vac)	5000(4100/4300/4500)
Rated output power(w)	5000(4100/4300/4500)

AC Output

Working temperature range	0°C-55°C
Humidity range	5%~95%
Noise emission	≤ 60dB
Cooling	Nature convection(Non-condensing)