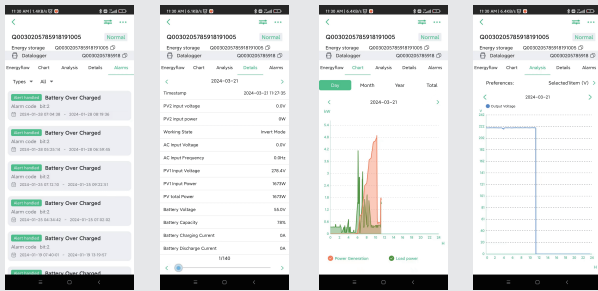
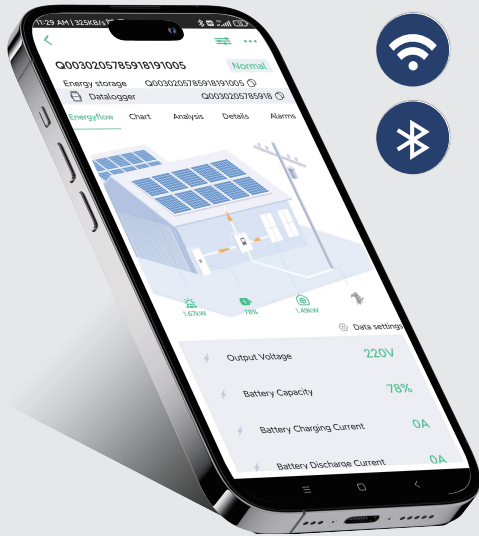











All in One Energy Storage System



PXSL-Series

-  Simple insert structure, wiring free flexible and convenient installation
-  Natural cooling system
-  >15 Years life span
-  Supports RS485/WIFI/4G/CAN Communication For Remote Monitoring
-  Cycle life: 6000+ times
-  Smart BMS system to optimize the performance
-  4 Charging modes optional. Solar,wind, Diesel Generator,AC Power
-  Battery Heating: Automatically activates heating system when batteries operate below optimal temperature.
-  Automatic Fire Suppression: Automatically activates fire suppression system upon detecting fire incidents in the battery.



Battery parameter

Model	PXSL-5KWh	PXSL-10KWh	PXSL-15KWh	PXSL-20KWh	PXSL-25KWh	PXSL-30KWh
Battery cell type	LiFePo4					
Total energy	5.12KWh	10.24KWh	15.36KWh	20.48KWh	25.6KWh	30.72KWh
Stack quantity	1PCS	2PCS	3PCS	4PCS	5PCS	6PCS
Rated voltage	51.2V					
Rated capacity	102AH	204AH	306AH	408AH	510AH	612AH
Minimum capacity	100AH	200AH	300AH	400AH	500AH	600AH
Working voltage range	40V - 58.4V					
Continuous charging current	105A/module					
Cut-off current	105A/module					
DOD	90%					
Cycle Life	6000+ cycles (*Test condition: 90% DOD)					
Communication	CAN, RS485, RS232					
Operation Environment	Charge: 0~55°C Discharge: -20~60°C					
Display	LED touch screen					
Protection class	IP20/IP65(optional)					
Warranty	5 years					
Certification	CE/UN38.3/UL1973/IEC62619/MSDS/EMC61000					

Inverter parameter

Inverter power	5500W
Rated AC input & output voltage	110-120VAC/220-230VAC (Optional)
Ac output frequency range	50Hz-60HzAutomatic detection
Output Wave	Pure Sine Wave
Output Peak Power	11000VA
Conversion time	10 ms
Efficiency	>95%
Max PV Input	5500W
MPPT Tracking Range	120-500VDC
MPPT voltage range	300-400VDC
MAX PV Input Voltage	500VDC
MAX PV Charge Current	100A
MAX AC Charge Current	60A
MAX PV and AC hybrid charging Current	100A
Noise	<50dB
Power supply mode	PV/Mains
AC Output Socket	3*AC Output (International universal socket)