



XAXL-DSU-L5015

5015kWh



Convenient & Flexible

Cells pre-installed, delivered as a complete cabinet with no on-site assembly required.

Independent maintenance access for PACK enables servicing without opening the cabinet, boosting operational efficiency.

CQC

CE



Cost-Effective & High Efficiency

Equipped with 314Ah high-energy-density cells to help reduce system costs and improve performance.

Highly integrated variable-frequency intelligent temperature control technology further cuts energy consumption.

Liquid-Cooled Energy Storage Cabinet

≥ 6000 cyc



Safe & Reliable

Multi-level fire protection design with advanced AI fault early warning capability.

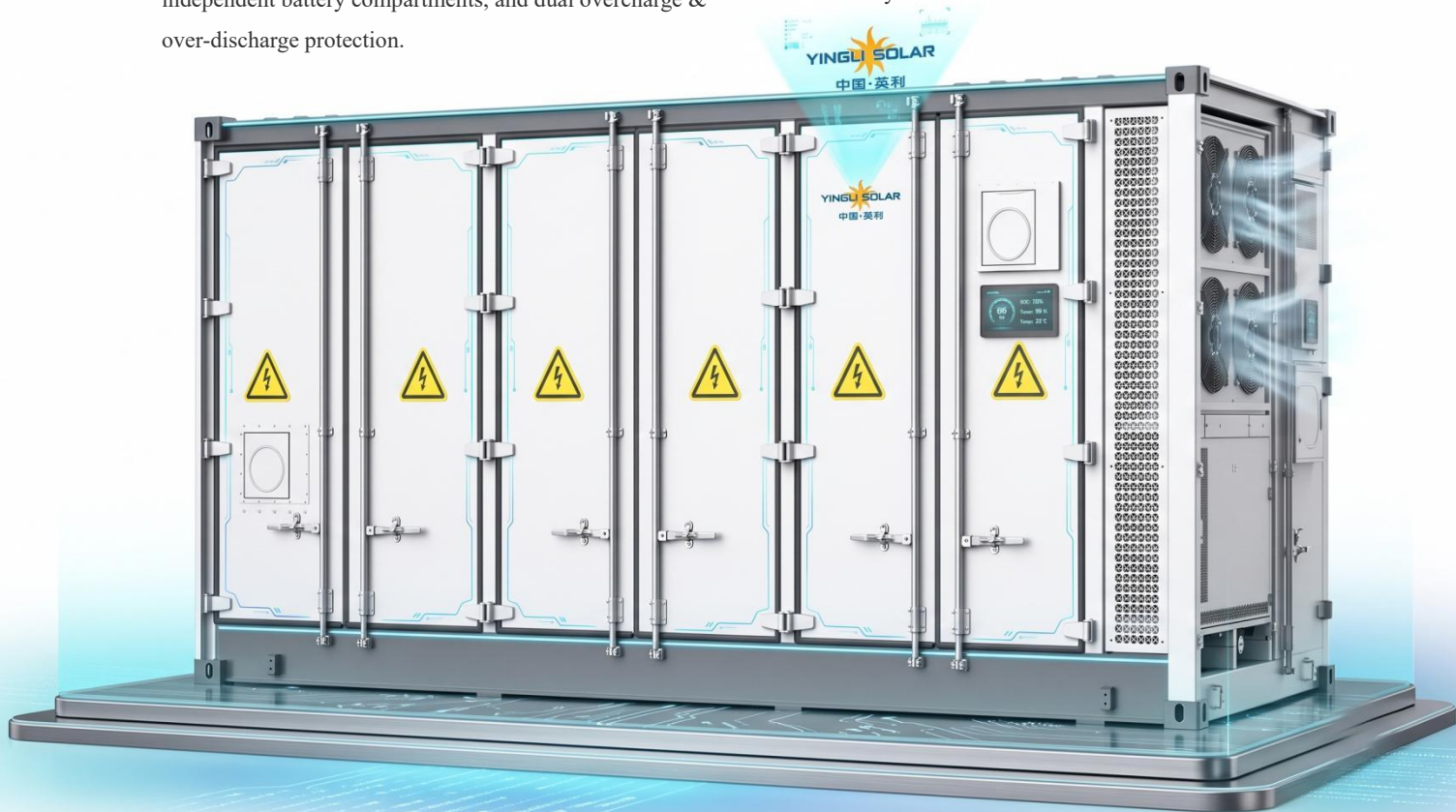
Single-cluster architecture featuring electrical isolation, independent battery compartments, and dual overcharge & over-discharge protection.



Intelligent Operation & Maintenance

Multiple control modes adaptable to diverse scenarios.

Supports fault waveform recording for convenient fault analysis and localization.





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Technical Parameters

Liquid Cooling Energy Storage Container				
Product modal		5.015MWh Liquid Cooling Energy Storage Container		
Product Type		LFP		
NO	Item		Specification	Remarks
1	Configuration		12P416S	20HC Container
2	Rated Energy		5015.96kWh	20HC Container
3	Rated Voltage		1331.2VDC	
4	Limit Voltage Range		1164.8~1497.6VDC	@cell 2.8~3.6V
0.5 P				
5	Charging Current (0.5P)	Rated	1884A	Single stack
		Max	2400A	
6	Charging Power (0.5P)	Rated	2500kW	
7	Discharging Current (0.5P)	Rated	1884A	
		Max	2400A	
8	Discharging Power (0.5P)	Rated	2500kW	
9	Auxiliary Power Supply	Voltage	AC 380, 50HZ, three-phase four-wire	
		Power	Max 45 kW	20HC Container
10	Operating Ambient Temperature	Charge	0 °C ~ +55℃	
		Discharge	-20 °C ~ +55℃	
11	Ambient Conditions	Storage Temperature	-20 °C ~ +45℃	
		Applicable Altitud	≤2000m（Derating Required above 2000m）	

12	Basic Parameters	Dimensions	6500mm(L)*2800mm(W) *2896mm(H)	20HC Container
		Weight	~45t	
		IP Rating	IP55	
		Cooling Method	Liquid Cooling	
		Communication Protocol	CAN, RS485, TCP/IP	
		Bus Output Connection	Bus Output Connection: 2 x 4 x M16	
		Wiring Method	Bolt connection	
		Auxiliary Power Connection	Terminals	

Product Topology

