



XAXL-DSU-L261

261kWh

ADVANCED LIQUID COOLING



- Intelligent zonal liquid cooling system
- Uniform cell temperature distribution
- Enhanced energy efficiency and battery performance
- Extended battery service life

HIGHLY INTEGRATED DESIGN



- All-in-one energy storage solution
- Compact footprint with high energy density
- Factory pre-engineered for rapid deployment
- Flexible modular expansion for diverse applications

SAFE & RELIABLE



- Multi-layer safety protection architecture
- Integrated fire suppression system
- Intelligent Battery Management System (BMS)
- Long-life LFP battery technology



Liquid-Cooled Energy Storage Cabinet

≥ 6000 cyc





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Technical Parameters

Items	Specification
DC Parameters	
Battery cell type	LFP 3.2V/314Ah
Battery module configuration	26.1248kWh /1P26S
Battery pack configuration	52.249kWh/1P52S
Battery system configuration	261.248kWh/1P260S
Rated voltage	832V
Voltage range	728~936V
System capacity	261.248kWh
Rated charge/discharge power	0.5P
AC Parameters	
Rated power(kW)	125
Maximum power(kW)	137.5
Rated current(A)	180
Wiring method	Three-phase four-wire
Allowed grid voltage(Vac)	380/400(-15%~15%)
Allowed grid frequency(Hz)	50(-2.5~2.5)
Total current harmonic distortion rate	≤3%
Voltage ripple coefficient	≤1
Power factor	0.99/-1~1
System Parameters	
Charge and discharge efficiency	>88%
Charge and discharge rate	0.5P
Depth of discharge	90%DOD
Cycle life	≥6000cyc @25℃,90%DOD,80%EOL
Cabinet protection level	IP54
Battery pack protection level	IP67
Corrosion resistance level	C3/C4/C5
Cooling method	Liquid cooling
Operating temperature	-20℃~55℃
Operating humidity	5%~95%RH(Non-condensing)
Operating altitude	2000m(>2000m Derating)
Fire suppression medium	Aerosol + water spray
Maximum number of parallel units	15/5
Communication interface	Ethernet/RS485
Control method	Local EMS /Cloud platform / Mobile app
Three-phase imbalance management	Support
Off-grid mode	Support
Dimensions (W*D*H mm)	1000*1325*2250
Weight (kg)	2800
Certification	EU/AS/UL

Product Topology

