



Liquid Cooling Energy Storage System



125KW
261KWH

ECOSHIELD



Modular Design

Each system unit can be easily combined to deliver the project's required power and capacity.



High Safety

Employs all-round, multi-level battery protection strategies and fault-troubleshooting measures.



Rapid Deployment

Flexible container-based deployment cuts infrastructure costs and construction timelines; easy to transport and install.



Flexible Configuration

Compatible with PV, wind power, and power grids; a large-capacity, multi-purpose intelligent energy storage station.



Quality Assurance

All products in this series are fully insured by People's Insurance Company of China.

Model		CA-ESS125K261L
DC Input		
Cell Type		LFP
Cell Specifications		3.2V/314Ah
Packaging Method		1P260S
Nominal Capacity		261kwh
Nominal Voltage		832V
Battery Voltage Range		728~936V
Standard Charge and Discharge Rates		0.5P
PCS AC Side		
Rated Power		125kW
Output Voltage		400Vac
Output Frequency		50/60Hz
Battery Voltage Range		728Vdc~936Vdc
Capacity		125KW
Power Factor		-1 ~1
PV Parameters (MPPT)		
Rated Power		120kW
Rated Current		360A
Rated Voltage		350Vdc
Maximum Voltage		1000Vdc
Voltage Range		150~1000Vdc
System		
Maximum System Efficiency		≥90%
Ambient Operating Temperature		-30°C~55°C
Relative Operating Humidity		5~95%
Wiring Method		3P+N+PE
IP Grade		IP54
Altitude		<3000m, derating above 2000m
Cooling Method		Liquid Cooling
Dimensions (W*L*H)		1350*1350*2200 mm (±2%)
Weight		3.0t (±2%)
Fire Protection Method		Deflagration Venting
System Communication Interface		CAN/RS485/Ethernet
Warranty		10 years, 5 years replace, and balance 5 years repair
Certification		UN38.3/MSDS

* When the altitude exceeds 2000m, the power supply needs to be derated.

Specifications included in this datasheet are subject to change without notice. EcoShield reserves the right of final interpretation.



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