

H125261/G125261

Liquid-cooling Energy Storage Cabinet

Made in China / Assembled in Germany

125261

One AI-EMS Platform, Endless Energy Possibilities.
Optional MPPT, True Hybrid Architecture.
Seamless Integration of Solar, Battery, Grid and Generator.



Integrated PV-ESS

Highly Modularized Design



Industrial-Grade Protection

Liquid-Cooled Thermal Management,
-20~55°C/IP54



High-Voltage Capacity

168A Fast Charge



Flexible Scalability

Rapid Capacity Expansion, 99%
Efficiency



**Zero-Interruption Grid
Transition**

<30ms, Off-Grid Capable



Intelligent Power Control

125kW Off-grid, ±0.99
Adjustable PF

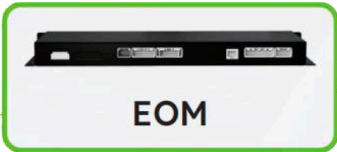
Technical Specification



MODEL	H125261/G125261
Battery Parameters	
Battery Type	LFP
Nominal Voltage	832V
Voltage Range	741~932V
Nominal Capacity	314Ah
Nominal Energy	261.2kWh
Max Charge/Discharge Current	168A
AC Grid-Connection Parameters	
Voltage Configuration	Three-Phase Four-Wire System
AC Voltage Range	400Vac (340Vac~440Vac)
Nominal Current	181A
Maximum Current	200A
Nominal Frequency	50Hz/60Hz
Power Factor	>0.99 (at half load and above), adjustable range: 1 (leading) to 1 (lagging).
Charge/Discharge Switching Time	<30ms
Off-grid Parameters①	
AC Voltage Harmonics	≤3% (linear load)
Output Frequency	50Hz/60Hz
Rated Output Power	125kW
Maximum Apparent Power	137.5kVA
PV Parameters (Optional)	
Maximum Input Voltage	950V
Operating Voltage Range	500~950V
Rated Power	125kW
Maximum Current	110/110
Number of Input Channels	2
Maximum Efficiency	99%
General Parameters	
Weight	≈2600kg
Altitude	< 2000m
Protection Level (IP Rating)	IP54
Corrosion Protection Level	C4
Cycle Life	≥10000 (0.5P, 25°C)
Dimensions(W*D*H)	1080x1665x2444 mm
Operating Temperature Range	-20~55°C
Operating Humidity Range	RH ≤ 95% (non-condensing)
Temperature Control Method	Battery: Liquid Cooling Inverter: Air Cooling
Fire Protection Device	Thermal Aerosol

①: The off-grid function requires the use of STS accessories.

Enerlution Energy Management System (+Cloud Platform :



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