

EPES261L

125 kW / 261 kWh Outdoor Liquid Cooled Energy Storage System
For Electricity Arbitrage and PV Self-Consumption



NEW



All-in-One

Pre-assembled for Easy Installation
Highly Integrated for Easy O&M



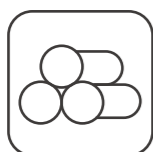
Safe & Reliable

Cabinet Level UL9540A
4-level Fire Fighting System



Long Cycle Life

Active Liquid Cooling (Heating) System
Optimized Operating Temperature



Flexible Expansion

Expand as Required
Outdoor Installation



Minimizing Footprint

Just 1.4m² Floor Space
30% Savings in Width



Easy Transportation

One-door Design
Symmetric Mass Distribution

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DC Side Parameters	
Cell Type	LFP
Nominal Voltage	832 Vdc
Operating Voltage Range	715-936 Vdc
Nominal Capacity	314 Ah
Nominal Energy	261 kWh
Charge/Discharge Rate	0.5C
System Configuration	1P260S
Module Nominal Energy	52.2 kWh
Module Configuration	1P52S
Battery Pack Weight / Quantity	350 kg/unit, total 5 units

AC Side Parameters (On-grid)	
Rated AC Power	125 kW
Maximum AC Power	137.5 kW
Nominal Grid Voltage	230/400 Vac, 3W+N+PE
Voltage Range	340-460 Vac
Nominal Grid Frequency	50/60 Hz
Total Harmonic Distortion(THDi)	<3%
Adjustable Power Factor	-1 - 1

System Parameters	
Depth of Discharge	95% (5%-100%)
Cycle Life	>8,000 Cycles & 70% EOL 95% DOD
Altitude	< 2,000 m, Derating Above 2,000 m
Operating Relative Humidity	0~100%RH, No Condensation
Operating Temperature Range	-30 °C - 55 °C
Thermal Management Mode	Air Cooling(PCS, TMS) + Liquid Cooling & Heating(Battery)
Rated Cooling Input Power	2.5 kW
Rated Cooling Capacity	5 kW
Rated Heating Power	2 kW
Fire Suppression System	Pack and Cabinet Aerosol, Water, Interlocked exhaust ventilation, Pressure relief
Thermal Runaway Detection	Heat, Smoke, Flammable Gas, Cell temperature
Ingress Protection	IP55
Corrosion Protection Class	C4
Noise	<72 dB
Dimensions (WxDxH)	1,050*1,500*2,450 mm
Weight	~ 2,600 kg

*Specifications may be changed without prior notice due to continuous product improvement.