

135kW-261kWh-2h/135kW-522kWh-4h Full Liquid-Cooled C&I All-in-One ESS



High Integration

- All-in-one cabinet design with highly integrated components, minimal footprint, and easy relocation
- Integrated PCS, BMS, EMS, thermal management, and fire protection systems within the cabinet, reducing losses by 1%

Ultimate Safety

- Independent fire protection per cabinet, with physical isolation to prevent fault propagation
- Utilizes a three-level fire protection AI algorithm, ensuring zero incident occurrence

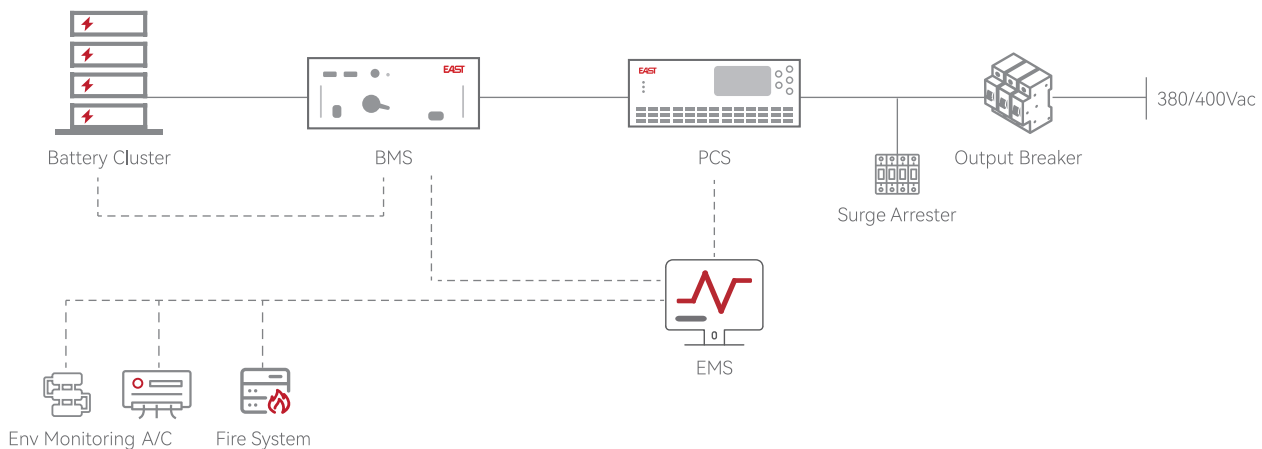
Exceptional Adaptability

- IP54 protection and C5 anti-corrosion design, suitable for harsh environments
- Flexible parallel cabinet expansion based on capacity needs, with easy multi-cluster management

System-Friendly

- Customizable charging and discharging strategies, enabling station-level monitoring and maintenance
- Intelligent monitoring and remote operation and maintenance capabilities

Topology



Product Specifications	EAESS135K-261kWh	EAESS135K-522kWh
DC-side		
Cell type	3.2V/314Ah	
System Battery Configuration	1P260S	2P260S
Battery Rated Capacity	261.248kWh	522.496kWh
Battery Voltage Range	676V ~ 949V	
The AC-side PCS parameters		
AC-Side Rated Power	135kW	
AC-Side Voltage Distortion Rate	3%	
DC Component	≤0.5%	
AC-Side Rated Voltage	AC400V	
Grid Voltage Range	340V~440V	
Power Factor	>0.99 (rated power)	
Reactive Power Adjustable Range	-105%~105%	
Rated Grid Frequency	50Hz	
Grid Frequency Range	45Hz~55Hz	
Isolation Method	Non-isolated	
System Parameters		
Dimensions (W x H x D)	1000×2000×1500mm	2000×2000×1500mm
Weight	2850kg	4900kg
IP Level / Corrosion-proof Grade	IP54/C3 (C5 Optional)	
Operating Temperature Range	-25°C~55°C	
Operating Humidity Range	0%~95% (Non-condensing)	
Max. Operating Altitude	4000m	
Battery Cooling Method	Liquid Cooling	
Converter Cooling Method	Liquid Cooling	
Fire Protection System	Perfluorohexanone / Water/ Active Ventilation	
System Communication Interface	LAN	
External System Communication Protocol	IEC61850、MODBUS-TCP	

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*If there are any changes to the product size and parameters, the latest information shall prevail without further notice.

Our WeChat QR code