



5MWh Battery Container



- Module-level fire protection with partitioned safety isolation within the cabin
- Modular design enhances operational efficiency and reduces fault impact areas
- String architecture enables 100% depth of discharge (DoD) for both charging and discharging
- Flexible deployment and scalable expansion
- Comprehensive dynamic thermal management
- Elimination of DC circulating currents between clusters, increasing system usable capacity by 15% and improving efficiency by 2%



TECHNICAL SPECIFICATION

Model	WSESS5000
Battery type	LiFePO4
Rated capacity	314Ah
Configuration	12*(1P104S*4)
Nominal Energy(kWh)	5015.961
Rated Voltage (V)	1331.2
Operating Voltage Range(V)	1164.8~1497.6
Max.Charge And Discharge Rate	0.5C@25°C
Battery System Cycle Efficiency	≥93 . 5% (FAT Standard)
System Data	
Dimensions W x Dx H(mm)	6058*2438*2896
Net Weight(T)	42.5
Ingress Protection	IP55
Noise Emission(dB)	≤85
Operating Altitude (m)	≤2000
Cooling	Forced Liquid Cooling
Coolant	50% ethylene glycol in water
Fire Extinguishing System	Aerosol Fire Protection System
Corrosion-proof Grade	C4
Communication Mode	Modbus-TCP/ IEC61850 / IEC104

*The data in this table is for reference only, and is subject to actual delivery.

