



5MWh

Liquid-Cooled ESS Container



Ultra Safety

Dynamic temperature regulation and an independent battery compartment design for enhanced protection



Compact Design

Integrated design for larger battery capacity and smaller footprint



Non-walk-in Design

Maximization of space usage delivers higher energy density for easy installation and maintenance



Intelligent Operations & Maintenance

Cloud-based remote monitoring and intelligent management for less energy losses and higher efficiency

Model	Parameter
Battery Type	LFP 314Ah
Rated DC Capacity	5015 kWh
Configuration	16P416S
Rated DC Voltage	1331.2 V
Operating Voltage Range	1164.8~1497.6V
Max. Charge/Discharge Ratio	0.5P/0.5P
Cooling Method	Liquid Cooling
Cycle Life	8000@25°C, 80%DOD 0.5P
Fire Protection	Aerosol Fire Extinguisher, Water
Altitude	≤4000m (degraded above 2000m)
Operating Temperature Range	-20-55°
Enclosure Protection Rating	IP55
Dimensions (W×D×H)	6096*2438*2896
Weight	43 tons
Communication Interface	CAN, RS485, Ethernet
Certification Standards	IEC61000, IEC62619, IEC62477, IEC63056, UL9540A