



Liquid Cooled ESS Container

5MWh

20ft



Ultimate Safety

Featuring a liquid cooling system with dynamic temperature regulation and an independent battery compartment for enhanced protection.



Pre-installed Delivery

One-stop pre-installed product delivery shortens installation and commissioning time, reducing costs.



Intelligent Operations & Maintenance

Cloud-based remote monitoring and intelligent management reduce losses and improve system efficiency.



Compact Design

Integrated design increases system capacity while significantly reducing the footprint.



Non-walk-in Design

Maximizes space usage, offers strong environmental adaptability, and simplifies installation and maintenance.



Customizable Solutions

Flexible system capacity customization tailored to different scenarios and energy storage needs.

Model	Liquid Cooled Storage Container
Container	20ft
Temperature Control Mode	Perfluorohexanone + Water Fire Protection
Rated Battery Capacity	LFP 314Ah
Rated DC Voltage	1331.2V
Maximum Charge & Discharge Ratio	0.5P
Rated DC Capacity	5MWh
DC Charging & Discharging Efficiency	93%-95%
Battery Type	LFP
Fire Protection System	Liquid Cooling
Certification Standard	UL9540/UL9540A/CE/IEC/KC/KBIA
Weight	~38 tons
Dimensions (W * D * H)	6250*2550*3100mm
Case Protection Class	IP54
Operating Temperature Range	-20-55 C
Communication Interface	CAN,RS485,Ethernet
Communication Protocol	CAN ,Modbus RTU ,Modus TCP/IP

