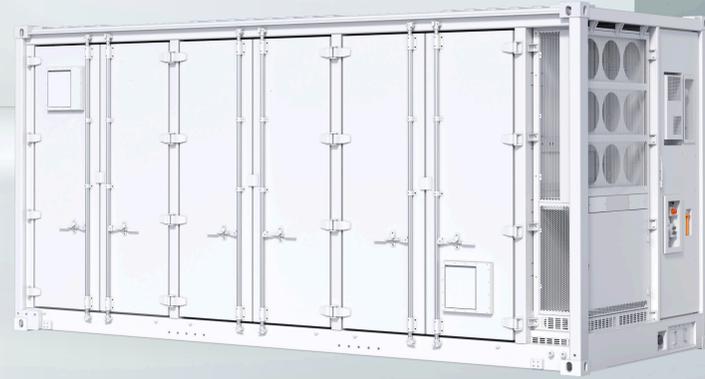


Conrtainer 2.0

Container 2.0, this industry-unique dual-layer liquid-cooled energy storage system offers exceptional temperature control, ensuring worry-free operation for GWh-level energy storage power stations.



Features And Advantages

Ultimate Safety

System: Intelligent early warning + three-level fire protection, ensuring safety throughout the lifecycle.

Multi-scenario Applications

Supports single-rack management, enhancing energy utilization and reducing inter-rack current circulation. The product supports peak shaving, grid-level frequency regulation, and renewable energy integration.

High Efficiency and Intelligence

System energy efficiency is 1% higher than the industry average. Energy density per unit area is 3% higher than the industry average, with 2.8% higher usable energy.

Ultra-long Lifespan

With over 10,000 cycles. Fully upgrade of thermal management system, dual-sided liquid cooling reduce temperature difference by 50%, increasing system lifespan by 10%.

Specification

Model	Container 2.0
Battery	
Battery Type	LiFePO4
Battery capacity	350Ah
Battery Voltage range	2.5~3.65V
Battery Pack	
Operating voltage range	358.4V ~ 460.8.4V
Battery number	128
Nominal capacity	143.36kWh
Dimension(W×D×H, mm)	1170mm*2149mm*246mm
Battery cluster	
Operating voltage range	1075.2V ~ 1382.4V
Pack number	3
Single Battery Cluster Configuration	430.08kWh
Connection mode	1P384S
Rated voltage	1228.8V
System Parameters	
System Configuration	5160.96 kWh
Nominal power	2580 kW
DC side rated voltage	1228.8V
Operating temperature	-30°C ~ 55°C
Dimension(W×D×H, mm)	6058*3100*2438mm
Protection grade	IP55
Corrosion-proof grade	C5