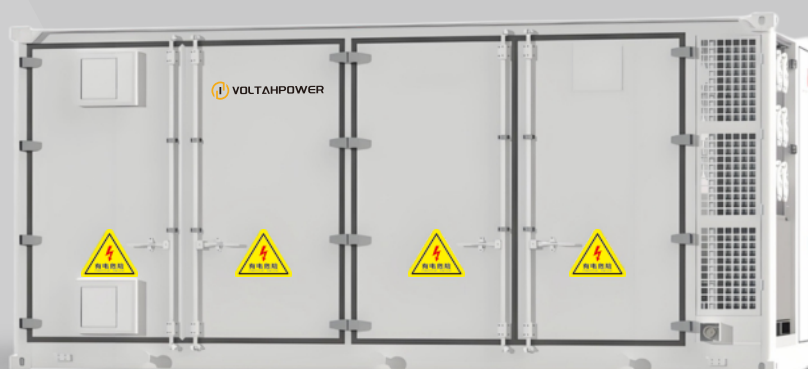


Energy Storage System

5MWh Liquid Cooling DC Side Energy Storage System



Features



Safety

- Design Safety
- Operational Safety
- Fire Safety



Standard

- 20-Foot Standard Container Design
- Fewer Structural Components
- Higher Energy Density



Convenient

- Preliminary Commissioning Full Lifecycle Battery
- Smart Liquid Supplementation
- Intelligent Monitoring

Item	Parameters	Remarks
Cell	LFP314Ah	0.5P
System Battery Configuration	12 Clusters* 4 Packs*1P104S	
Nominal Voltage (V)	1331.2	
Operating Voltage (V)	1164.8~1497.6	Cell:2.8~3.6
Rated Power (MW)	2.5	0.5P
Rated Energy (MWh)	5.016	
Operating Temperature (°C)	Charge: 0~55, Discharge: -20~55	
Storage Temperature (°C)	-40~60	
Operating Relative Humidity	0~95% (No Condensation)	
Altitude	≤2000 (Use Derating > 2000)	
Cooling Method	Liquid Cooling	
Fire Protection	Pack and Container Fire Protection (Perfluorohexane、Water)	
Protection Rating	Container: IP55; Pack : IP67	
Anti-corrosion Grade	C5 (Optional)	
Dimension (mm)	6058*2438*2896	
Weight (t)	≈43	