



POWERMOUNT (5MWh)

Containerized Battery Energy Storage System

- Ultra-high energy density
- Multi-level safety protection system
- Excellent thermal management to maintain the battery temperature difference $\leq 3^{\circ}\text{C}$
- Versatile application in multiple scenarios
- Flexible Configuration, support back-to-back layout
- Refined management of BMS to extend battery service life

Containerized Battery Energy Storage System		PowerMount (5MWh)
Model	PowerMount-5MWh	
Battery		
Cell Type	LiFePO4 - 314Ah	
Battery Capacity [kWh]	5015	
Battery Rated Voltage [V]	1331.2	
Battery Voltage Range [V]	1164.8~1497.6	
Standard Charging/Discharging Power [kW]	2500	
Efficiency		
System Efficiency	≥94%	
General Parameters		
Degree of Protection	IP65 (IP55 Optional)	
Operation Temperature [℃]	-30~+55	
Relative Humidity	<95%	
Permissible Altitude [m]	≤3000 （>2000m, de-rating）	
Cooling Method	Liquid Cooling	
Fire Fighting System	Aerosol+Water Spray	
Dimension [W*D*H] [mm]	6058*2438*2896	
Weight [kg]	42500	
Communication Interface	Ethernet/RS485/CAN	
Communication Protocol	Modbus TCP/Modbus RTU/CAN2.0	
Certifications & Standards		
Certifications	IEC/EN 62619, IEC/EN 61000, IEC63056 UN 38.3, IEC/EN 62477, UN 3536	