

PowerMount (5MWh)



Containerized Battery Energy Storage System

Model	PowerMount-5MWh
Battery	
Cell Type	LiFePO4 - 314Ah
Battery Capacity [kWh]	5015.96
Battery Rated Voltage [V]	1331.2
Battery Voltage Range [V]	1164.8~1500.0
Charge & Discharge Rate	0.5P
AC Output	
Max. System Efficiency	94%
General Data	
Degree of Protection	IP54
Operation Temperature [°C]	-25 ~ +45
Relative Humidity	0 - 95%
Permissible Altitude [m]	≤2000
Cooling Method	Liquid Cooling
Fire Fighting System	Aerosol + Water Spray
Dimension [W * D * H] [mm]	6058 * 2438 * 2896
Weight [kg]	43000
Communication Interface	Ethernet / RS485 / CAN / Domestic 4G
Communication Protocol	Modbus TCP / Modbus RTU / CAN2.0
Certifications & Standards	
Certifications	IEC / EN 62619, IEC / EN 61000, FCC Part15, IEC / UL60730, UL 1973, UL 9540A, UN 38.3, IEC / EN 62477, UL 9540, UN 3536

Containerized Battery Energy Storage System

- Ultra-high energy density
- Multi-level safety protection system
- Excellent thermal management to maintain the battery temperature difference ≤ 3°C
- Refined management of BMS to extend battery service life
- Versatile application in multiple scenarios
- Flexible Configuration, support back-to-back layout