

PowerMount (1505-2007kWh)



Containerized Battery Energy Storage System

Model	PowerMount -P720-1505kWh	PowerMount -P480-2007kWh	PowerMount -P960-2007kWh
Battery			
Cell Type	LiFePO4 - 280Ah		
System Configuration	6 * 1P280S	8 * 1P280S	8 * 1P280S
Battery Capacity [kWh]	1505.28	2007.04	2007.04
AC Output			
Rated Output Power [kW]	720 (12 * 60)	480 (8 * 60)	960 (16 * 60)
Rated Voltage [V]	400, 3P4W+PE		
Frequency [Hz]	50 / 60		
Rated Current [A]	1039	693	1386
Harmonics	< 3% (@Rated Power)		
Cycle Life	8000 Cycles @25°C		
Overload Capacity	110%, Continuous		
General Parameters			
Isolation Transformer	No		
Degree of Protection	IP 54		
Anti-Corrosion Grade	C3		
Operating Temperature [°C] [1]	-30 ~ 50		
Relative Humidity	0~95% (Non-Condensing)		
Operating Altitude [m] [2]	< 3000		
Noise Emission [dB(A)]	≤ 75		
Dimension [W * D * H] [mm]	20HQ Container (6058 * 2438 * 2896)		
Max. Weight [kg]	About 21500	About 26500	
Fire Fighting System	Water Fire Protection+Novec1230		
Communication Interface and Protocol	Ethernet, Modbus TCP		
Certifications & Standards			
Certifications	IEC 61000, IEC 62477, IEC 62619, ROHS, UN3536		
	IEC 62619, UL 1973, UL 9540A, UL 1642		
	EN 50549, VDE 4105, VDE 4110, NC-RFG,TOR-TypA and B, G99		

[1] The system will be derated when the ambient temperature exceeds 45°C.

[2] The system will be derated when the altitude exceeds 2000m.

Containerized Battery Energy Storage System

- All-in-One Design
- Independent Single-Cluster Management
- Multi-Layer Safety Design
- Pre-installed & Easy Connection
- Dual Fire Suppression Systems
- Modular Design for Flexible Configuration

PowerMount -P960-2250kWh



Containerized Battery Energy Storage System

Model	PowerMount-P960-2250kWh
Battery	
Cell Type	LiFePO4 - 314Ah
System Configuration	8 * 1P280S
Battery Capacity [kWh]	2250.75
AC Output	
Rated Output Power [kW]	960 (16 * 60)
Rated Voltage [V]	400, 3P4W+PE
Frequency [Hz]	50 / 60
Rated Current [A]	1386
Harmonics	< 3% (@Rated Power)
Overload Capacity	110%, Continuous
General Parameters	
Isolation Transformer	No
Degree of Protection	IP 54
Anti-Corrosion Grade	C3
Operating Temperature [°C] ^[1]	-30 ~ 50
Relative Humidity	0~95% (Non-Condensing)
Operating Altitude [m] ^[2]	< 3000
Noise Emission [dB(A)]	≤ 70
Dimension [W * D * H] [mm]	20HQ Container (6058 * 2438 * 2896)
Max. Weight [kg]	About 26500
Fire Fighting System	Water Fire Protection+Novec1230
Communication Interface and Protocol	Ethernet, Modbus TCP
Certifications & Standards	
Certifications ^[3]	IEC 61000, IEC 62477, IEC 62619, UN3536
	IEC 62619, UL 1973, UL 9540A, UL 1642
	EN 50549, VDE 4105, VDE 4110, NC-RFG,TOR-TypA and B, G99

[1] The system will be derated when the ambient temperature exceeds 45°C.

[2] The system will be derated when the altitude exceeds 2000m.

[3] Certification Status: IEC 61000, IEC 62477, IEC 62619 and UN3536 certifications are in progress, expected to be completed in May 2026.

Containerized Battery Energy Storage System

- 314Ah large-capacity cells
- Independent Single-Cluster Management
- Multi-Layer Safety Design
- All-in-One Design
- Dual Fire Suppression Systems
- Modular Design for Flexible Configuration