PowerMount (1505-2007kWh)

Containerized Battery Energy Storage System

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

Containerized Battery Energy Storage System

Model	PowerMount -P480-2007kWh
Battery	
Cell Type	LiFePO4 - 280Ah
System Configuration	8 * 1P280S
Battery Capacity [kWh]	2007.04
AC Output	
Rated Output Power [kW]	480 (8 * 60)
Rated Voltage [V]	400, 3P4W+PE
Frequency [Hz]	50 / 60
Rated Current [A]	693
Harmonics	< 3% (@Rated Power)
Cycle Life	8000 Cycles @25℃
Overload Capacity	110%, Continuous
General Parameters	
Isolation Transformer	No
Degree of Protection	IP 54
Anti-Corrosion Grade	C3
Operating Temperature [℃] [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 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℃.
[2] The system will be derated when the altitude exceeds 2000m.