

# POWERMOUNT (1505-2007kWh)



## Containerized Battery Energy Storage System

Model	PowerMount -P720-1505kWh	PowerMount -P480-2007kWh	PowerMount -P960-2007kWh	PowerMount -P1000-2007kWh
<b>Battery</b>				
Cell Type	LiFePO4 - 280Ah			
System Configuration	6 * 1P280S	8 * 1P280S	8 * 1P280S	8 * 1P280S
Battery Capacity [kWh]	1505.28	2007.04	2007.04	2007.04
<b>AC Output</b>				
Rated Output Power [kW]	720 (12 * 60)	480 (8 * 60)	960 (16 * 60)	1000 (18 * 60)
Rated Voltage [V]	400, 3P4W+PE			
Frequency [Hz]	50 / 60			
Rated Current [A]	1039	693	1386	1443
Harmonics	< 3% (@Rated Power)			
Overload Capacity	110%, Continuous			
<b>General Parameters</b>				
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]	≤ 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			
<b>Certifications &amp; Standards</b>				
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