

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 -P720-1505kWh	PowerMount -P480-2007kWh	PowerMount -P960-2007KkWh	PowerMount -P1000-2007kWh
Battery				
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
AC Output				
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			
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]	≤ 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.