







# PowerMount (3.7MWh)



## Containerized Battery Energy Storage System

-  Pre-assembled design
-  Multi-level safety protection system
-  Versatile application in multiple scenarios
-  Excellent thermal management
-  Support 0.5P / 1P charge & discharge
-  Refined management of BMS to extend battery service life

### Containerized Battery Energy Storage System

Model	PowerMount-3.7MWh	PowerMount-3.7MWh-Pro
	Battery	
Cell Type	LiFePO4 - 280Ah	
Battery Capacity [kWh]	3727.36	
Battery Rated Voltage [V]	1331.2	
Battery Voltage Range [V]	1164.8 ~ 1500.0	
Charge & Discharge Rate	0.5P	1P
	Efficiency	
Max. System Efficiency	94%	
	General Parameters	
Degree of Protection	IP54	
Operation Temperature [°C]	-20 ~ +55	
Relative Humidity	0 - 95 %	
Permissible Altitude [m]	≤ 2000	
Cooling Method	Liquid Cooling	
Fire Fighting System	Perfluorohexanone + Water Spray	
Dimension [W*D*H] [mm]	6058 * 2438 * 2896	
Weight [kg]	37000	
Communication Interface	Ethernet / RS485 / CAN	
Communication Protocol	Modbus TCP / Modbus RTU / CAN2.0	
	Certifications & Standards	
Certifications	IEC / EN 62619, IEC / EN 63056, IEC / EN 61000, FCC, IEC / UL 60730, UL 1973, UL 9540A, UN 38.3, IEC / EN 62477, UL 9540, UN 3536	