

POWERMOUNT (860kWh–1720kWh)

DUNEXT

PowerMount (860kWh–1720kWh)







Model	PowerMount P400 860kWh	PowerMount P500 1075kWh	PowerMount P600 1290kWh	PowerMount P700 1505kWh	PowerMount P800 1720kWh
Battery					
Cell type	LiFePO4 – 280Ah				
Pack configuration	1P20S				
System configuration	4*1P240S	5*1P240S	6*1P240S	7*1P240S	8*1P240S
Battery capacity	860kWh	1075kWh	1290kWh	1505kWh	1720kWh
AC Output					
Connection type	3P4W+PE				
Charging / discharging power (KW)	400	500	600	700	800
Grid voltage (V)	400				
Frequency (Hz)	50/60				
Rated AC output current (A)	577	722	866	1010	1155
Harmonics	< 3% (@rated power)				
Overload capacity	110%@10min;120%@60s				
General Parameters					
Isolation transformer	No				
Degree of protection	Outdoor installation (Battery cabinet: IP55, Electrical cabinet: IP34)				
Container anti-corrosion grade	C3				
Operation temperature* (°C)	-20~50				
Relative humidity	0~95% (non-condensing)				
Permissible altitude** (m)	≤ 2000				
Cooling method	Battery cabinet: HVAC, Electrical room: forced air cooling				
Fire fighting system	FAS & FM200/Novac1230				
Noise emission (dB)	≤ 75				
Dimension (W*D*H) (mm)	20HQ container (6058*2438*2896)				
Weight(Kg)	24500				
Communication interface	Ethernet				
Communication protocol	Modbus TCP/IP				
Certification	System: UN3536, LVD, EMC, RoHS				
	Cell: IEC62619, UL1973, UL9540A				
	PACK: UN38.3				
	PCS: G99, EN50549, AS4777.2, VDE4105				

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

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



Containerized Battery Energy Storage System

-  Plug-and-Play, all-in-one design
-  Standard 20HQ container
-  Support solar, generator, wind turbine accessing
-  Multi grid auxiliary service application
-  4 layers safety design
-  Higher availability with modular design & O&M cloud platform