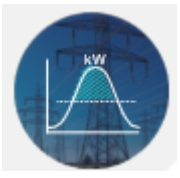
Power Terox Container
A2000-OMNIM5-20ft-1MW/2MWh Powerbank
PCN Varenr. 28522

A2000-OMNI
M5-20ft-1MW/2MWh

- 1207~2070kWh
- 0,5C
- 250~1000kW
- 400 Vac
- All in One System
- Flexible Configuration
- Set-up & Maintenanca



Peak Shaving

Energy Shifting

Self-Consumption

PCN

General Data	M5-20ft-1MW/2MWh
Dimension (W*D*H mm,w/o inverter)	6058*2438*2896
Weight (tons)	28
Working Temperature Range (℃)	-20~50*
Protection Class	IP65
Altitude (m)	≤4000
Humidity	5%~95%
Fire extinguishing	Perfluoro
Cooling System	Air Cooling
Cooling system consumption (kW, Cooling/Heating)	40
Aux. Power Consumption (kW, continuous/peak, incl. HVAC)	30
Anti-corrosion	C3H(C5 Optional)
Certification	UN38.3/UN 34801EC626191EC62040-1/CE/UKCA (EMC/RED)/VDE2510-50/UL1973/UL9540A CE LVD/IEC 624/ /CE EMC/IEC 61000/EN 50549-1:2019/G99/AS4/ / /
Battery Data	
System Capacity (kWh)	2069.76
Depth of Discharge	98% (single string)
Cycle Life	>7000
DCVoltage Range (Vdc)	638~781 (single string)
PC S DC/AC Data On-grid Mode	
PCSnumber	2
Rated AC Power (kW)	500
Rated AC Output Voltage (Vac)	400±15%
Rated AC Output Frequency (Hz)	60±2.5
Max AC Current (A)	0~720
Overload Capacity	125%~150%@200ms
AC PF	0.8~1 leading or lagging
CECEfficiency	97%
Isolation Type	Non isolated type
Operation Mode	

System configuration

	Racks QTY	Strings QTY	kW / kWh	AC Connection: 3P3W, 400Vac, 50/60Hz — 250	500	1000
A2000-OMNI	4	7	1207			
	4	8	1380			
	5	9	1552			
	5	10	1724			
	6	11	1897			
	6	12	2070			

Min. configuration
Optional configuration
Standard configuration