

CONTAINER A2000-OMNI

M5-20ft-1MW/2MWh



1207~2070kWh



0.5C



250~1000kW



400Vac



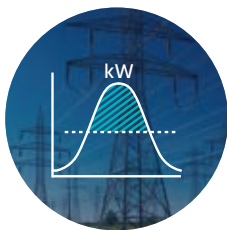
All in One System



Flexible Configuration



Easy Set-up & Maintenance



Peak Shaving



Energy Shifting



Self-Consumption

A2000-OMNI

General Data		M5-20ft-1MW/2MWh
Dimension (W*D*H mm,w/o inverter)	6058*2438*2896	
Weight (tons)	28	
Working Temperature Range (°C)	-20~50*	
Protection Class	IP55	
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 3480/IEC62619/IEC62040-1/CE/UKCA (EMC/RED)/VDE2510-50/UL1973/UL9540A CE LVD/IEC 62477/CE EMC/IEC 61000/EN 50549-1:2019/G99/AS4777	

Battery Data	
System Capacity (kWh)	2069.76
Depth of Discharge	98% (single string)
Cycle Life	>7000
DC Voltage Range (Vdc)	638~781 (single string)

PCS DC/AC Data On-grid Mode	
PCS number	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
CEC Efficiency	97%
Isolation Type	Non isolated type

Operation Mode	
Communication Type	RS485\CAN\Ethernet
Operation Logic	Peak Shaving/Energy Shifting/Self-Consumption

*Degradation at temperatures below 10°C or above 40°C

	System configuration							Min. configuration
	AC Connection			3P3W, 400Vac, 50/60Hz				
	Racks QTY	Strings QTY	kW	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