

CONTAINER A2000-OMNI

M5-20ft-1MW/2MWh



1207~2070kWh



0.5C



250~1000kW



400Vac



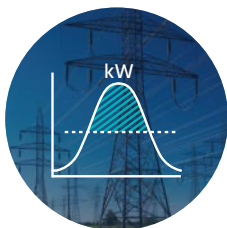
All in One System



Flexible Configuration



Easy Set-up & Maintenance



Peak Shaving



Energy Shifting



Self-Consumption

A2000-OMNI

CONTAINER / A2000-OMNI

Battery Data		M5-20ft-1MW/2MW/h
System Capacity (kWh)		2069.76
DC Voltage range (Vdc)		638~781 (single string)
Life Cycle		>7000
Depth of Discharge		98% (single string)
General Data		
Dimension (W*D*H mm)		6058*2438*2896
Weight (tons)		28
Protection Class		IP55
Altitude (m)		≤4000
Humidity (RH)		5%~95%
Cooling System		Air Cooling
Cooling System Consumption (kW)		40
Aux. Power Consumption (continuous / peak, incl. HVAC) (kW)		30
Working Temperature Range (°C)		-20~50*
Fire Extinguishing		Perfluoro
Communication Type		RS485\CAN\Ethernet
Operation Logic		Peak Shaving/Energy Shifting/Self-Consumption
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	
Anti-Corrosion		C3H(C5 Optional)
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@ 0.5C-rate		97%
Isolation Type		Non isolated type

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

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

26