

CONTAINER A1000-OMNI

M5-10ft-500kW/1MWh



690~1035kWh



250~500kW



0.5C



400Vac



All in One Solution



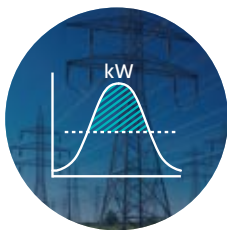
Superior Safety



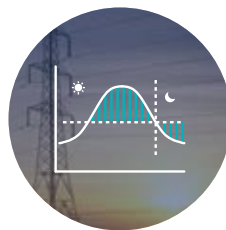
Long Time Backup



Easy Set-up & Maintenance



Peak Shaving



Energy Shifting



Self-Consumption

A1000-OMNI

General Data		M5-10ft-500kW/1MWh
Dimension (W*D*H mm,w/o inverter)	2991*2438*2896	
Weight (tons)	13	
Working Temperature Range (°C)	-20~50*	
Protection Class	IP54	
Altitude (m)	≤4000m	
Humidity	5%~95%	
Fire extinguishing	Aerosol	
Cooling System	Air Cooling	
Cooling system consumption (kW, Cooling/Heating)	15	
Aux. Power Consumption (kW, continuous/peak, incl. HVAC)	16	
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)	1034.88
Depth of Discharge	98% (single string)
Cycle Life	>7000
DC Voltage Range (Vdc)	638~781 (single string)
PCS DC/AC Data On-grid Mode	
Rated AC Power (kW)	500
Rated AC Output Voltage (Vac)	400±15%
Rated AC Output Frequency (Hz)	50/60±2.5
Max AC Current (A)	760
Overload Capacity	125%~150%@ 200ms
AC PF	0.8~1 leading or lagging
CEC Efficiency	97%
Isolation Type	Non isolated type

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

A1000-OMNI	System configuration					Min. configuration	Optional configuration	Standard configuration
	AC Connection			3P3W, 400Vac, 50/60Hz				
	Racks QTY	Strings QTY	kW	250	500			
	2	4	690					
	3	5	862					
	3	6	1035					