

CONTAINER A1000-OMNI

M5-10ft-500kW/1MWh



690~1035kWh



250~500kW



0.5C



400Vac



All in One Solution



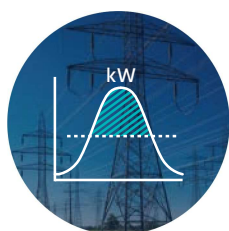
Superior Safety



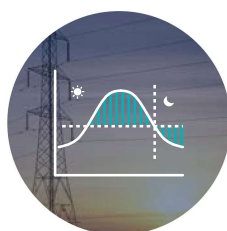
Long Time Backup



Easy Set-up & Maintenance



Peak Shaving



Energy Shifting



Self-Consumption

A1000-OMNI

CONTAINER / A1000-OMNI

Battery Data		M5-10ft-500kW/1MWh
System Capacity (kWh)		1034.88
DC Voltage range (Vdc)		638~781 (single string)
Life Cycle		>7000
Depth of Discharge		98% (single string)
General Data		
Dimension (W*D*H mm)		2991*2438*2896
Weight (tons)		13
Protection Class		IP54
Altitude (m)		≤4000m
Humidity (RH)		5%~95%
Cooling System		Air Cooling
Cooling System Consumption (kW)		15
Aux. Power Consumption(continuous / peak, incl. HVAC) (kW)		16
Working Temperature Range (°C)		-20~50*
Fire Extinguishing		Aerosol
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		
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@ 0.5C-rate		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	
			kWh			
	2	4	690			
	3	5	862			
	3	6	1035			