

CONTAINER L2200-OMNI

M8-20ft-1.92MW/2.23MWh



558~2231kWh



1C



480~1920kW



400Vac



All in One System



Flexible Configuration



Easy Set-up & Maintenance



High C rate



Ancillary Service



Electricity Arbitrage



Demand Response



Backup

L2200-OMNI

General Data		M8-20ft-1.92MW/2.23MWh
Dimension (W*D*H mm,w/o inverter)		6058*2438*2896
Weight (tons)		28
Working Temperature Range (°C)		-25~55*
Protection Class		IP55
Altitude (m)		≤4000 (>3000m derating)
Humidity		5%-95%
Fire extinguishing		Aerosol
Cooling System		Liquid cooling
Cooling system consumption (kW, Cooling/Heating)		Cooling: 60/Heating: 24
Aux. Power Consumption (kW, continuous/peak, incl. HVAC)		40
Anti-corrosion		C3M(C5M Optional)

Certification IEC62477-1/IEC62040-1/IEC62619/IEC63056/UKCA/CE LVD/CE EMC/UN38.3/VDE-AR-E 2510-50
CE LVD/IEC 62477/CE EMC/IEC 61000/EN 50549-1:2019/G99/AS4777

Battery Data	
System Capacity (kWh)	2231
Depth of Discharge	98% (single string)
Cycle Life	>6000
DC Voltage Range (Vdc)	716.8~921.6

PCS DC/AC Data On-grid Mode	
PCS number	12
Rated AC Power (kW)	160
Rated AC Output Voltage (Vac)	400±15%
Rated AC Output Frequency (Hz)	50/60±2.5
Overload Capacity	176kVA (1.1 times long-term/1.5 times for 10s overload)
AC PF	1.0 (Lagging)~1.0 (Leading)
CEC Efficiency	98%

Operation Mode	
Communication Type	RS485/CAN/Ethernet
Operation Logic	Ancillary Service/Electricity Arbitrage/Demand Response/Backup

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

*Partial application in progress

		System configuration						
		Racks QTY	PCS Number kWh	3 480	6 960	9 1440	12 1920	Min. configuration
L2200-OMNI	1	558						Optional configuration
	2	1116						Standard configuration
	3	1674						
	4	2231						