

CONTAINER L3300-OMNI-M7

M7-20ft-3.3MWh



2090~3300kWh



0.5C



1075~1725kW



690Vac



All in One System



Superior Safety



Easy Set-up & Maintenance



Extraordinary Performance



**Wide Temp
Range**



Ancillary Service



Electricity Arbitrage



Demand Response

L3300-OMNI-M7

General Data		M7-20ft-3.3MWh
Dimension (W*D*H mm,w/o inverter)		6058*2438*2896
Weight (tons)		34
Working Temperature Range (°C)		-30~55
Protection Class		IP55 (BOL)
Altitude (m)		≤4000 (>3000m derating)
Humidity (RH)		5%-95%
Fire extinguishing		Aerosol
Cooling System		Liquid cooling
Cooling system consumption (kW, Cooling/Heating)		38kW
Aux. Power Consumption (kW, continuous/peak, incl. HVAC)		40kW
Anti-corrosion		C3

Certification IEC62619/IEC62040-1/CE/VDE2510-50/UL1973/UL9540A
VDE AR-N 4110/VDE AR-N 4120/IEC62477/IEC62109/IEC61000/G99/NTS 2.1/EN50549-2

Battery Data	
Battery Type	Li-ion (LFP)
Nominal Capacity (kWh)	3344
Max. /Continuous Operation C-rate ☉	0.5C
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Max/Operation Current (A)	200/157
Depth of Discharge	95%
Cycle Life	>8500
DC Voltage Range (Vdc)	1164~1497
Max. /Continuous Operation Current (A)	200/157
Efficiency@ 0.5C-rate	>95%

PCS DC/AC Data On-grid Mode	
PCS number	1
Rated AC Power (kW)	1670
Rated AC Output Voltage (Vac)	690(-15%~10%)V
Rated AC Output Frequency (Hz)	50/60
Max AC Current (A)	1587 A
Overload Capacity	1897 kVA
AC PF	0.99/-1~1
Max. Efficiency	98.50%
Isolation Type	Non-isolation

Operation Mode	
Communication Type	RS 485, Ethernet, CAN
Operation Logic	Wide Temp Range/Ancillary Service/Electricity Arbitrage/Demand Response

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

*Partial application in progress

		System configuration						
		Racks QTY	kW	1000	1250	1460	1670	Min. configuration
L3300-OMNI	5	2090						Optional configuration
	6	2508						Standard configuration
	7	2926						
	8	3344						