

PYOCEAN

L3300-OMNI

M7-20ft-3.3MWh

- All in One System
- Superior Safety
- Easy Set-up & Maintenance
- Extraordinary Performance



2090~3300kWh



0.5C



1075~1725kW



690Vac



Ancillary Service



Electricity Arbitrage



Demand Response

L3300-OMNI

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	
Continuous Operation C-rate	0.5C	
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)	1675	
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	

*Partial application in progress