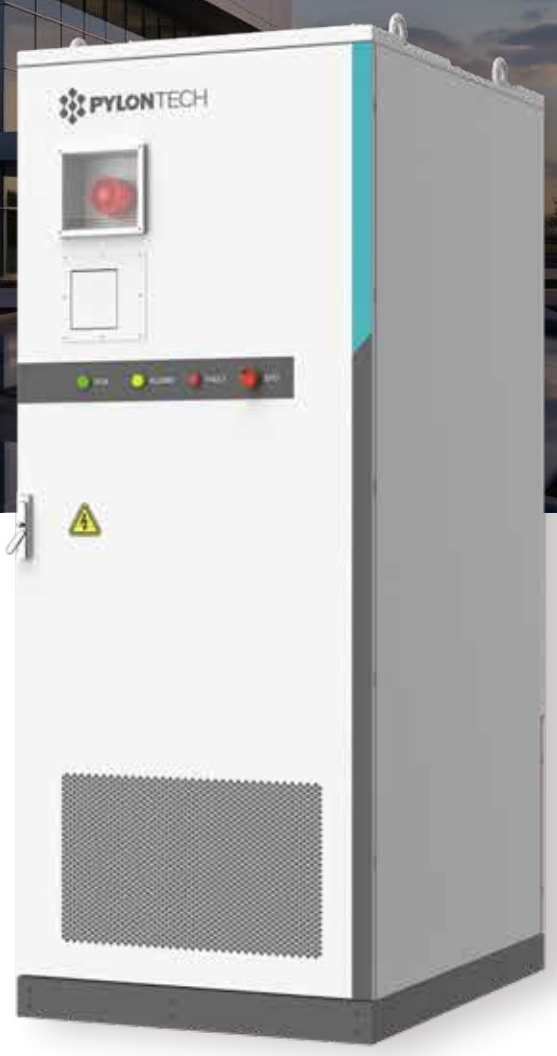
OPTIM US L260-OMNI

M7-1000V-125kW/260kWh



- 260~1560kWh
- 125~750kW
- 0.5C
- 400Vac

PCS Integrated

Superior Safety

Extraordinary Performance

Easy Set-up & Maintenance



Wide Temp Range



Ancillary Service



Electricity Arbitrage



Demand Response



Backup

L260-OMNI

General Data	M7-1000V-125kW/260kWh
Dimension (W*D*H mm,w/o inverter)	950*1300*2480
Weight (tons)	2.9
Working Temperature Range (°C)	-25-50*
Protection Class	IP55
Altitude (m)	≤3000
Humidity	5%-95%
Fire extinguishing	Aerosol
Cooling System	Liquid Cooling
Cooling system consumption (kW, Cooling/Heating)	2.56
Aux. Power Consumption (kW, continuous/peak, incl. HVAC)	2.7/3.85
Max.parallel No.	6
Anti-corrosion	C3 (C5 Optional)
Certification*	IEC62619/IEC62040-1/CE/VDE2510-50/UL1973/UL9540A CE EMC/CE LVD/EN 50549-1: 2019/EN 50549-2: 2019/IEC 61000-6-2/IEC 62477-1
Battery Data	
Battery Type	Li-ion (LFP)
Nominal Capacity (kWh)	260
Depth of Discharge	98% (single string)
Cycle Life	>8500
DC Voltage Range (Vdc)	702-936 (single string)
Max. /Continuous Operation Current (A)	200/157
Round-trip Efficiency@ 0.5C-rate	>95%
PCS DC/AC Data On-grid Mode	
Rated AC Power (kW)	125
Rated AC Output Voltage (Vac)	400
Rated AC Output Frequency (Hz)	50
Max AC Current (A)	181
Overload Capacity	110%
AC PF	1.0 (Lagging)~1.0 (Leading)
CEC Efficiency	98%
Isolation Type	Non-isolation
Operation Mode	
Communication Type	Ethernet (Modbus TCP)
Operation Logic	Wide Temp Range/Ancillary Service/Electricity Arbitrage/Demand Response/Backup

*Degration at temperatures below 10°C or above 40°C
*Partial application in progress

Inverter in KW

Inverter Type		125kW					
	Inverter QTY	1	2	3	4	5	6
Cabinet QTY	kW / kWh	125	250	375	500	625	750
L260-OMNI	1 / 260	■					
	2 / 520		■				
	3 / 780			■			
	4 / 1040				■		
	5 / 1300					■	
	6 / 1560						■

■ Min. configuration
■ Optional configuration
■ Standard configuration