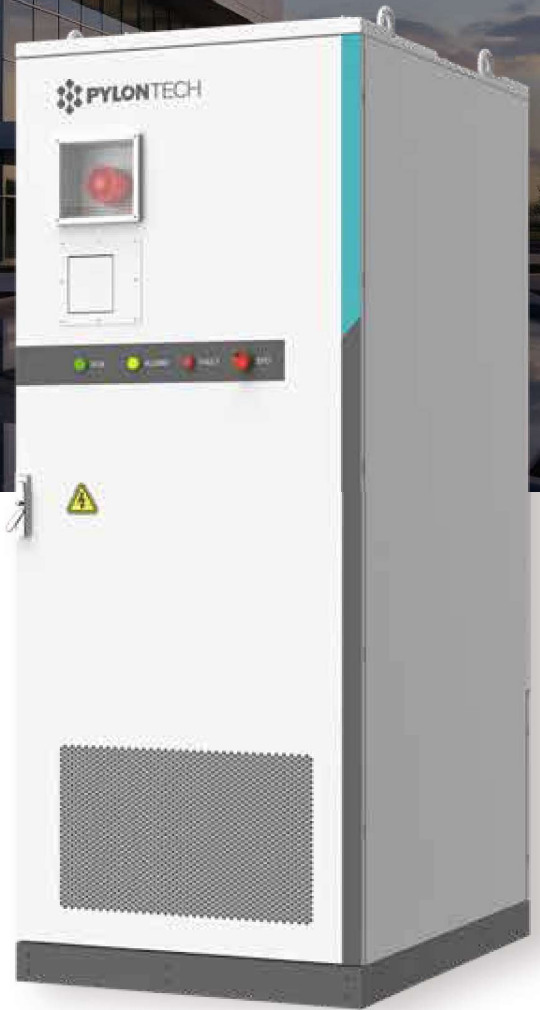


OPTIM US L260-OMNI

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

OPTIM US / 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

*Degradation 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			
L260-OMNI	Cabinet QTY	kW	125	250	375	500	625	750		Min. configuration	
	QTY	kWh								Optional configuration	
	1	260									Standard configuration
	2	520									
	3	780									
	4	1040									
	5	1300									
6	1560										

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