

OPTIM US L260-OMNI-M7

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-M7

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	
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
Continuous Operation C-rate	0.5C
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						
Cabinet QTY	kWh	Inverter QTY	1	2	3	4	5	6	Min. configuration Optional configuration Standard configuration
		kW	125	250	375	500	625	750	
L260-OMNI	1	260	Standard configuration						
	2	520		Optional configuration					
	3	780			Optional configuration				
	4	1040				Optional configuration			
	5	1300					Optional configuration		
	6	1560						Optional configuration	