

OPTIM US L260-OMNI-AU

M7-1000V-130kW/260kWh



260~1560kWh



130~780kW



0.5C



400Vac

- PCS Integrated
- Superior Safety
- Extraordinary Performance
- Easy Set-up & Maintenance



**Ancillary
Service**



**Electricity
Arbitrage**



**Demand
Response**



Backup

L260-OMNI-AU

General Data		M7-1000V-130kW/260kWh
Dimension (W*D*H mm,w/o inverter)	950*1300*2480	
Weight (tons)	< 2.9	
Working Temperature Range (°C)	-25°C ~ 55 °C (> 55 °C derating)	
Protection Class	IP55	
Altitude (m)	3000	
Humidity	5%-95%	
Fire extinguishing	Smoke/Temperature/Combustible gas detectors, Exhaust system, Aerosol passive fire suppression	
Cooling System	Air cooling (PCS) + Liquid cooling (BAT)	
Cooling system consumption (kW, Cooling/Heating)	2.5/2.35	
Aux. Power Consumption (kW, continuous/peak, incl. HVAC)	2.8/3.88	
Max.parallel No.	8	
Anti-corrosion	C5-M	
Certification*	UL9540, IEC62477, AS/NZS4777, AS NZS 5139, AS/NZS 3000, IEC61000	
Battery Data		
Battery Type (Ah)	314	
Nominal Capacity (kWh)	261	
Continuous Operation C-rate	0.5C	
Depth of Discharge	98%	
Cycle Life	>8500	
DC Voltage Range (Vdc)	702V ~ 936V (Nominal: 832V)	
Max. /Continuous Operation Current (A)	200A (Nominal: 157A)	
Round-trip Efficiency@ 0.5C-rate	≥ 95%	
PCS DC/AC Data On-grid Mode		
Rated AC Power (kW)	130	
Rated AC Output Voltage (Vac)	400	
Rated AC Output Frequency (Hz)	50	
Max AC Current (A)	207	
Overload Capacity	110%	
AC PF	0.99 / -1.0~1.0	
CEC Efficiency	95%	
Isolation Type	Non-Isolation	
Operation Mode		
Communication Type	Ethernet (Modbus TCP)	
Operation Logic	Wide Temp Range/Ancillary Service/Electricity Arbitrage/Demand Response/Backup	