

OPTIM US L260-HY-M7

M7-1000V-125kW/260kWh



260~1560kWh



125~750kW



0.5C



230/400Vac



Hybrid Inverter Integrated



Superior Safety



Extraordinary Performance



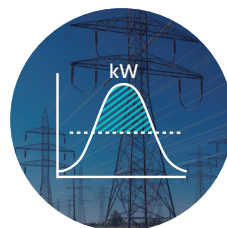
Easy Set-up & Maintenance



**Back up
Switch Seamless**



Self-Consumption



Peak Shaving



**Wide Temp
Range**

L260-HY-M7

General Data		M7-1000V-125kW/260kWh
Dimension(W*H*D mm)		1400*2180*1300
Weight(T)		< 3T
Working Temperature Range (°C)		-25~55
Storage Temperature Range (°C)		-20~60
Ac output voltage (V)		3P/N/PE, 220 V / 380 V, 230 V / 400 V
Frequency(Hz)		50/60
System Efficiency (RTE)		88%
Normal auxiliary power consumption (kW)		1.5
IP Rating		IP55
Altitude(m)		≤3000
Corrosion protection class		C5M
Humidity		5%~95%
Cooling type		Liquid cooling, 50% glycol solution
Fire Extinguishing		combustible gas detector+smoke detector+ temperature detector+explosion-proof fan+Aerosol
Explosion Relief Panel		Optional
Water fire protection		Standard configuration
Authentication level		IEC62619,IEC62477,CE EMC,UN38.3
Communication		Modbus-TCP/RTU
Battery Data		
Nominal Capacity (kWh)		261kWh
DC Voltage Range(V)		728~936
Depth of discharge		98%DOD
Standard Operation DC Current (A)		157
Hybrid Inverter Data		
Cooling type		Air Cooling
IP Rating		IP66
Protection		Anti-islanding protection/Over current protection/Short Circuit Protection/DC reverse-polarity protection
Output AC		
Rated output power (kW)		125
Power factor		>0.99(0.8 leading -0.8 lagging)
Max. apparent output power		1.2 times of rated power, 100 s; 1.4 times of rated power, 10 s; 1.6 times of rated power, 200 ms
Back-up switch time (ms)		< 10
THDi		< 3%
Input DC (PV side)		
Recommended max. PV array size (KW)		250
MPPT voltage range (V)		150~950
Max. input current (A)		10x42
MPPT number/Max input strings number		10/20



Basic Parameters		HM7A200L
Energy (kWh)		52.25
Normal Voltage (V)		166.4
Battery Capacity (Ah)		314
Dimension (W*D*H, mm)		1145*790*245
Weight (kg)		345