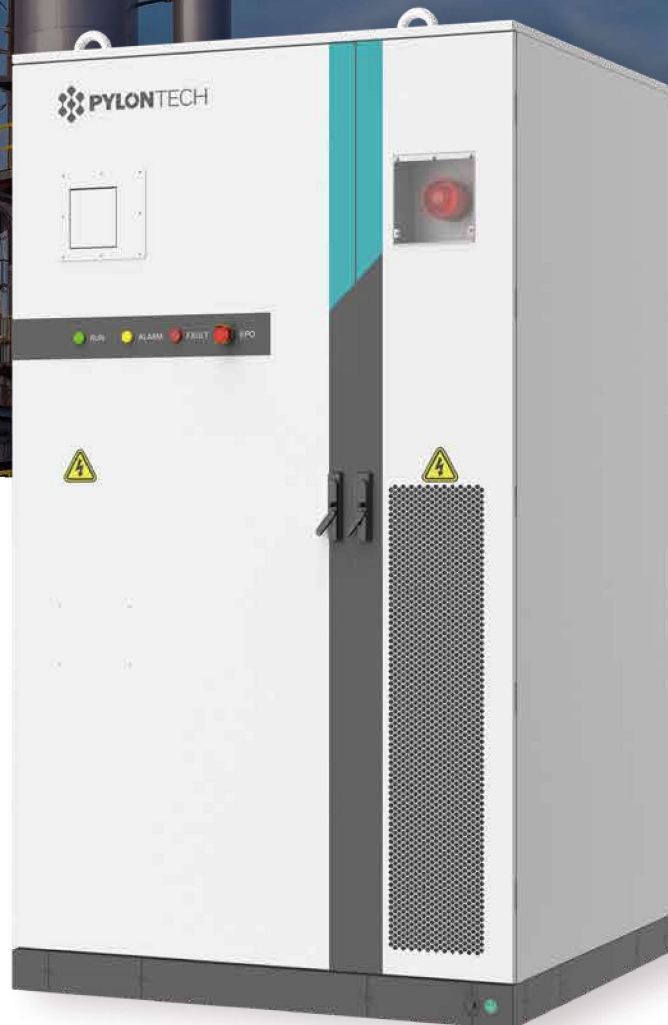


OPTIM US L417-BAT

M7-1500V-417kWh



2085~5004kWh



1000~2500kW



0.5C



1123~1497Vdc



Extraordinary Performance



Superior Safety



Flexible Configuration



Easy Set-up & Maintenance



**Wide Temp
Range**



Ancillary Service



Electricity Arbitrage



Demand Response

L417-BAT

General Data	
	M7-1500V-417kWh
Dimension (W*D*H mm)	1300*1300*2410
Weight (tons)	3.67
Working Temperature Range (°C)	-25-55*
Protection Class	IP55
Altitude (m)	≤4000
Humidity (RH)	5%-95%
Fire Extinguishing	Aerosol
Cooling System	Liquid Cooling
Cooling System Consumption (kW)	3.5
Aux. Power Consumption (continuous/peak, incl. HVAC) (kW)	3.75/5
Max. Parallel No.	12
Anti-Corrosion	C3(C5 Optional)
Certification*	IEC62619/IEC62040-1/CE/VDE2510-50/UL1973/UL9540A

Battery Data	
Battery Type	Li-ion (LFP)
Nominal Capacity (kWh)	417
Depth of Discharge	98% (single string)
Cycle Life	>8500
DC Voltage Range (Vdc)	1123-1497 (single string)
Max. /Continuous Operation Current (A)	200/157
Efficiency@ 0.5C-rate	> 95%

Operation Mode	
Communication Type	Ethernet(Modbus TCP)/CAN
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