

OPTIM US L417-BAT

M7-1500V-417kWh



2085~5004kWh



1000~2500kW



0.5C



1123~1497Vdc

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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,w/o inverter)		1300*1300*2410
Weight (tons)		3.67
Working Temperature Range (°C)		-25-55*
Protection Class		IP55
Altitude (m)		≤4000
Humidity		5%-95%
Fire extinguishing		Aerosol
Cooling System		Liquid Cooling
Cooling system consumption (kW, Cooling/Heating)		3.5
Aux. Power Consumption (kW, continuous/peak, incl. HVAC)		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
Round-trip 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
*Degration at temperatures below 10°C or above 40°C		
*Partial application in progress		