

OPTIM US

L520-OMNI

M7-250kW/522kWh



522~2084kWh



125~500/250~1MW



0.25/0.5C



400Vac

- All in One Solution
- Superior Safety
- Flexible Configuration
- High Performance



**Ancillary
Service**



**Electricity
Arbitrage**



**Demand
Response**



Backup

L520-OMNI

L520-OMNI-2H		L520-OMNI-4H	
General Data			
Dimension(W*H*D mm)	1900*1350*2480mm		
Weight(Tons)	<5.5T		
Round Trip Efficiency	90%		
Working Temperature Range (°C)	-25℃～50℃ (Degration>45℃)		
Humidity	0%-95%RH		
Protection Class	IP54		
Anti-Corrosion	C3 (C5 Optional)		
Altitude(m)	≤3000m (Degration over 2000m)		
Cooling Type	Liquid Cooling		
Fire Extinguishing	Perfluoro		
Battery Data			
Battery Type	LFP 314Ah		
C Rate	0.5C	0.25C	
Nominal Capacity (kWh)	522kWh		
Nominal Voltage (V)	832V		
DC Voltage Range(V)	728V-936V		
AC Side Parameters (On-grid)			
Rated AC Power (KW)	250kW	125kW	
Rated AC Output Voltage(V)	400V, 3P4W		
Grid Voltage Range	-10%~15%		
Rated AC Output Frequency (Hz)	50Hz		
Power Factor Range	±1		
AC Side Parameters (Off-grid)			
Rated AC Power (KW)	250kW	125kW	
Three Phase Unbalane	100%		
Communication			
Communication Portal	CAN/RS485/Ethernet/4G		
Communication Type	Modbus-TCP/RTU		