

STORION-LC 836



Model		STORION-LC 836
System Parameters		
Dimensions (W × D × H)	1450 × 2480 × 2435 mm	
System Weight	7.5 t	
Ingress Protection	IP55	
Rated Voltage	1331.2 V (4 Modules per Cluster)	
Nominal Capacity	835.99 kWh (8 Modules)	
Rated Charging and Discharging Power	418 kW (0.5 P)	
Corrosion Resistance	C4 (Standard); C5 (Optional)	
Battery Chemistry	LFP (LiFePO ₄)	
Cooling	Liquid Cooling	
Product Type	Outdoor Cabinet	
Operating Temperature Range	-30 °C – 50 °C	
Relative Humidity	0 – 95%	
Safety System	Gas, Temperature & Smoke Detection	
Fire-Fighting System	Aerosol Fire Suppression, Water Sprinkler, Venting Panels & Ventilation Fans	
Battery Parameters		
Battery Model	M332314-104S-EX	
Rated Voltage	332.8 V	
Nominal Capacity	104.49 kWh	
Rated Charging and Discharging Power	52.24 kW (0.5 P)	
Ingress Protection	IP67	
Weight	670 kg	
Dimensions (W × D × H)	790 × 2210 × 245 mm	
Certification		
Transportation	UN 38.3, UN3480	
Safety	IEC 62619, IEC 62477, IEC 61000, IEC 60730, IEC 62933, UL 9540A, UL 1973	

*The optimum temperature range is 15~35 C. If the ambient temperature is too high or too low, the battery performance may deteriorate.



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