

YOUR
SMART
ENERGY



STORION-LC-372

Liquid-Cooling Outdoor Cabinet (Battery Cabinet)

CAPACITY

Battery Module: 46.5 kWh
System: 372.7 kWh



Flexible Site Layout

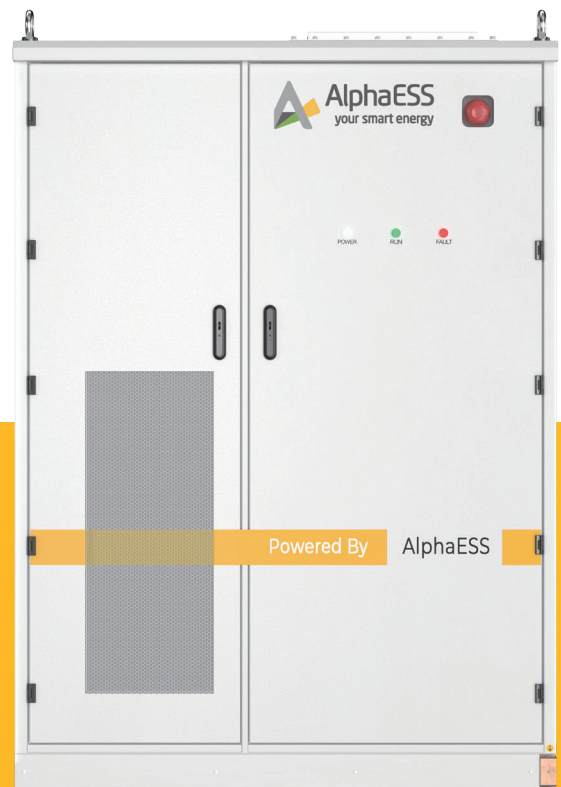
High Energy Density

Dehumidification Design

High-Level System Integration

Intelligent Thermal Management Strategy

Safer Dual Fire Fighting and Explosion Deflagration Solutions



STORION-LC-372



Model		STORION-LC-372
System Parameters		
Dimensions (W x D x H)	1700 x 1500 x 2450 mm	
System Weight	4.65 t	
Ingress Protection	IP55	
Rated Voltage	1331.2 V (8 Modules)	
Nominal Capacity	372.7 kWh (8 Modules)	
Rated Charging and Discharging Power	186.3 kW (0.5C)	
Battery Modules Connection	4 ~ 8 in series connection	
Battery Chemistry	LFP (LiFePO ₄)	
Cooling	Liquid Cooling	
Product Type	Outdoor Cabinet	
Fire-Fighting System	Aerosol + Sprinkler	
Battery Parameters		
Battery Model	M166280-S	
Rated Voltage	166.4 V	
Nominal Capacity	46.5 kWh	
Rated Charging and Discharging Power	23.2 kW (0.5P)	
Ingress Protection	IP67	
Weight	333 kg	
Dimensions (W x D x H)	810 x 1100 x 237.5 mm	
Operating Temperature Range	-30 °C ~ 50 °C*	
Certification		
Transportation	UN 38.3	
Compliance	IEC 62619, IEC 62477, IEC 61000, 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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