

AlphaCS-H20-DC-LC-EX



Model		AlphaCS-H20-DC-LC-EX
System Parameters		
Dimensions (W x D x H)	6058 x 2438 x 2896 mm	
System Weight	42 t	
Ingress Protection	IP55	
Rated Voltage	1331.2 V	
Nominal Capacity	5015.9 kWh	
Rated Charging and Discharging Power	2507.9 kW (0.5 P)	
Battery Cluster Connection	12 Clusters in Parallel	
Battery Chemistry	LFP (LiFePO ₄)	
Cooling	Liquid Cooling	
Product Type	Outdoor (Container)	
Fire-Fighting System	Aerosol + Sprinkler (Explosion relief panel is optional)	
Battery Parameters		
Battery Model	M332314-S	
Rated Voltage	332.8 V	
Nominal Capacity	104.4 kWh	
Rated Charging and Discharging Power	52.2 kW (0.5 P)	
Ingress Protection	IP67	
Weight	665 kg	
Dimensions (W x D x H)	790 x 2210 x 245 mm	
Operating Temperature Range	-30 °C ~ 50 °C*	
Certification		
Safety(On going)	IEC 62619, IEC 62477, IEC 61000, IEC 62933, UL 9540A, UL 1973, NFPA 69	

*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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