

C&I AC-Coupled Liquid-Cooled Energy Storage System 125KW/261KWh

Main Features

1〉 Modular design enables flexible expansion with simplified parallel connection.
2〉 High integration design delivers 261kWh energy capacity in a single cabinet with excellent endurance.
3〉 Optimized in-PACK duct design achieves efficient cooling performance with low energy consumption.
4〉 Compact 1.4㎡ footprint allows easy transportation and fast installation.
5〉 Over 8,000 cycles of cycle life ensures reliable and long-lasting battery system performance.
6〉 In-PACK fire warning and aerosol protection help prevent heat diffusion and thermal runaway.

MODEL	C-261L-A
DC Side	
Cell Type	LFP/314Ah
Pack Configuration	52.2KWh/1P52S
System Configuration	261kWh/1P260S
Rated DC Voltage	832V
DC Voltage Range	728~936V
Max.Charge/Discharge Rate	0.5P
Max.Depth of Discharge	100%(25±2℃)
AC Side	
Rated Output Power	125kW
Rated AC Voltage	400V
AC Voltage Range	±15%
Grid Type	3W+N+PE
Rated Frequency	50Hz/60Hz
Power Factor	0.99/-1~+1
THDi	≤3%
DC Ratio	<0.5%Ipn
General	
Max.Round Trip Efficiency	89%
Cycle Life	≥8,000 cycles
Communication	Modbus TCP/IP
Fire Suppression System	Aerosol
Ingress Rating	IP55
Cooling	Liquid cooling+Forced air cooling
Operating Temperature	-25°℃-55°℃(Derating after 45°℃)
Anticorosion Rating	C4(C5 optional)
Humidity	0~95%RH(non-condensing)
Noise	≤75dB
Altitude	3000m(Derating above 2000m)
Dimensions(W*D*H)	1,050*1,350*2,400mm
Weight	2,600KG
Safety/EMC	UN38.3,IEC62619,IEC63056,IEC62477-1,IEC61000-6-2/4,UL9540A
Grid code	EN50549-1/-10,EN50549-2/-10,G99,VDE4105, NRS097,C10/11,CEI0-21,CEI0-16

Product specifications are subject to change without notice.