

C&I DC-Coupled Liquid-Cooled Energy Storage System 75-125KW/261KWh

Main Features

1〉 Supports up to 250kW PV input with wide MPPT range for flexible solar system design.
2〉 Compatible with multiple brands of hybrid inverters for versatile system integration.
3〉 Modular design supports parallel connection for easy system expansion.
4〉 IP55 protection with optimized ventilation design ensures safe and reliable operation.
5〉 1.4㎡ footprint delivers higher capacity utilization while saving installation space.
6〉 High power output simplifies commercial and industrial systems with fewer parallel inverters.

MODEL	C-261L				
Battery Cabinet					
Cell Type	LFP/314Ah				
Pack Configuration	52.25kWh/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℃)				
Cycle Life	≥8,000 cycles				
PV Input					
Max.input power	150kW	160kW	200kW	200kW	250kW
PV Voltage Range	150~950V				
MPPT	10				
Max.input Curent	42A*10				
AC Side					
Rated Output Power	75kW	80kW	99.9kW	100kW	125kW
Rated AC Voltage	400V				
AC Voltage Range	±15%				
Grid Type	3W+N+PE				
Rated Frequency	50Hz/60Hz				
Power Factor	0.99/-0.8～+0.8				
THDi	≤3%				
DC Ratio	<0.5%Ipn				
General					
Max.Round Trip Efficiency	90%				
Communication	Modbus TCP/IP				
Fire Suppression System	Aerosol				
Ingress Rating	IP55				
Cooling	Active liquid cooling				
Operating Temperature	-25℃~55℃(Derating after 45℃)				
Anticorosion Rating	C4(C5 optional)				
Humidity	0~95%RH(non-condensing)				
Altitude	3000m (Derating above 2000m)				
Dimensions(W*D*H)	1,050*1,350*2,100mm(Foundation)				
	1,850*1,350*2,100(Entire)				
Weight	2,600kg				
Safety/EMC	UN38.3,IEC62619,IEC63056,IEC62477-1,IEC61000-6-2/4				
Grid code	EN50549-1/-10,EN50549-2/-10,G99,VDE4105,NRS097,C10/11				

Product specifications are subject to change without notice.