

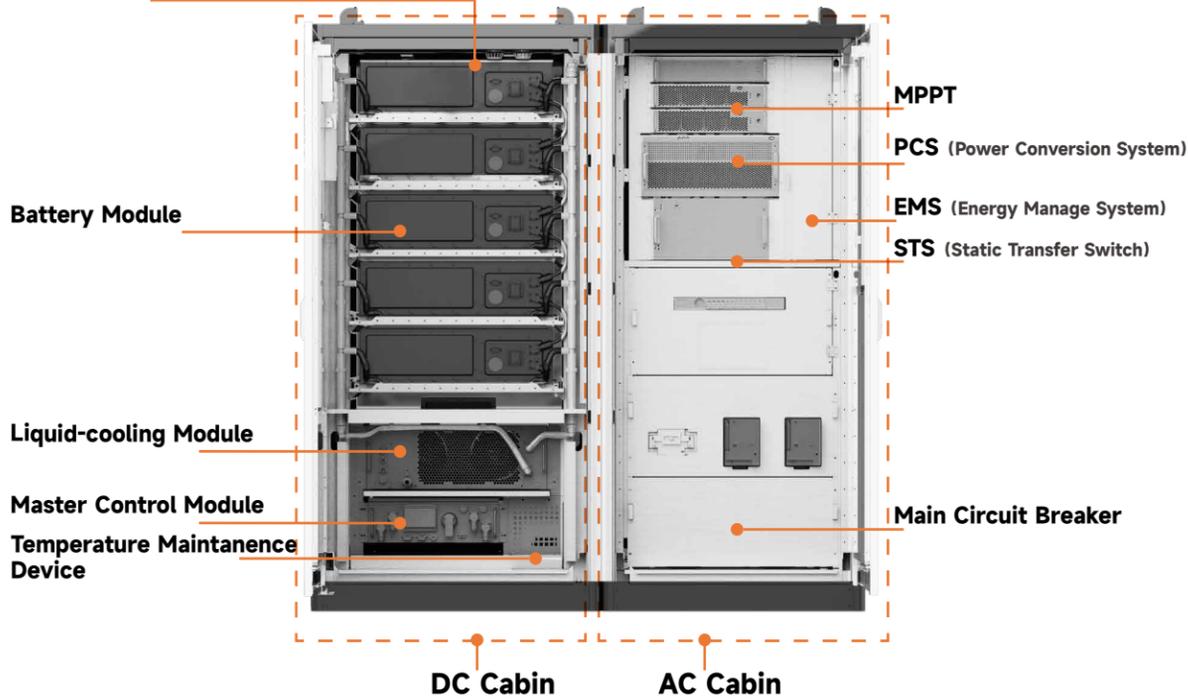
C&I PV&ESS AIO Hybrid System

125k-261kWh

0.5P



Smart Fire Security System



Specification

Model	50k-104kWh	100/125k-261kWh
DC (Battery)		
Battery cell (Ah)	LFP 3.2V/314	
Pack capacity (kWh)	52.25	
Battery System configuration	104kWh/1P52S *n (n=2,3,4)	261kWh/1P52S *5
Battery voltage range(V)	290~665	650~950
Cooling type	Liquid cooling	
AC (on-grid/off-grid)		
Rated power(kW)	50	100/125
Rated voltage(V)	380	
THDi	< 3%	
Unbalanced load capacity	100%	
Rated Frequency (Hz)	50/60 (±2.5)	
AC connection	3L/N/PE	
DC (PV)		
Max. input power (kW)	50/100/150	
Max. PV open-circuit voltage (V)	1000	
PV voltage range (V)	200~900	
PV MPPT No.	1/2/3	
Max current (A)	80	
System		
Weight (t)	3.4	
Max. system efficiency	90%	
Dimensions(W*D*H) (mm)	DC: 1100*1350*2200, AC: 1100*1350*2200 (with lifting lug,height+75)	
Configuration	MPPT (Isolation transformer and STS optional)	
Firefighting	Aerosol+combustible gas detection	
Charge-Discharge rate	0.5P	
Protection level	IP54	
Max. working altitude (m)	3000 (>2000 derating)	
Operating temperature range (°C)	-35~55 (> 45 derating)	
Operating humidity range	0~95% (non-condensing)	
Heating/cooling system	Automatic insulation in extremely cold weather	
Communication interface	RS485/CAN/LAN	

*For reference only, actual product drawings shall prevail