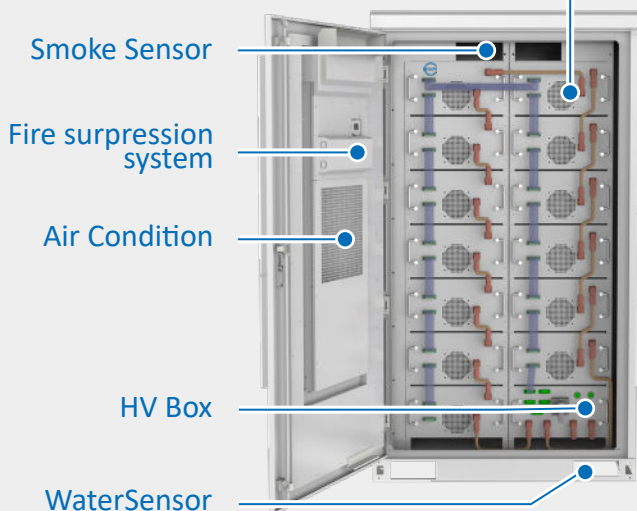


# C&I ALL-IN-ONE

## Power Case



Battery



### System Composition

## Features and advantages

### ■ Safe and reliable

Built-in fire control, temperature control system warning function for multiple security

### ■ Intelligent control system

Can be connected to the local monitoring system for system control, in the event of an unexpected situation, it can be suppressed at the first time.

### ■ Convenient operation

All equipment is integrated in the cabinet, only external wiring harnesses are connected on site, no secondary assembly is required; Transportation with battery modules is supported.

### ■ Easy installation

Simple structure, small footprint, flexible layout easy installation operation and maintenance

ESS Solution		30KW/60KWh	50KW/100KWh	100KW/200KWh
Battery Module	Battery cell	3.2V 102Ah	3.2V 206Ah/3.2V 135Ah	3.2V 280Ah
	PACK	1P16S*12*1	1P16S*10*1/1P16S*15*1	1P16S*14*1
	Battery rack (7layer/rack)		2	
	Battery capacity	62.6688 KWh	105.472 KWh/103.680KWh	200.704 KWh
	Nominal voltage	614.4V	512V/1768V	716.8V
General Specification	DC voltage range	537.6-700.8V	448-584V/1672-876V	627.2-817.6V
	Ingress protection		IP65	
	Fire extinguishing system		Support	
	Operating temperature		-30°C~55°C	
	Dimension( W*D*H)	2400*1100*2450		2700*1100*2550
PV	Size of PCS	800*800*1900		1200*800*2050
	Air conditioning capacity	1KW	1KW*2	3KW
	Connectable PV capacity	60/120 KWp		120/180/240 KWp
	Number of PV modules	96	192	384
	Combiner Box Components		16	
PV	Combiner box model	6 in 1 out	12 in 1 out	24in 1 out
	Number of combiner boxes		1	



250kW/500kWh ESS Solution		
Battery Module	Battery cell	3.2V 206Ah
	PACK	1P16S*12*4
	Battery rack(7layer/rack)	8
	Battery capacity	506.2656 KWh
	Nominal voltage	614.4V
General Specification	DC voltage range	537.6~700.8V
	Ingress protection	IP55
	Fire extinguishing system	Support
	Operating temperature	-30°C~55C
	Dimension( W*D*H)	2991*24382591mm (10ft)
PV	Size of PCS	600*720*2050+1200*800*2050
	Air conditioning capacity	7.5KW
	Connectable PV capacity	300/360 KWp
	Number of PV modules	576(600Wp)
	Combiner Box Components	16
PV	Combiner box model	18 in 1 out
	Number of combiner boxes	2

250kW/500kWh ESS Solution		
Battery Module	Battery cell	3.2V 280Ah
	PACK	1P224S*5
	Battery rack(7layer/rack)	11
	Battery capacity	1003.52 KWh
	Nominal voltage	716.8V
General Specification	DC voltage range	627.2~817.6V
	Ingress protection	IP55
	Fire extinguishing system	Support
	Operating temperature	-30°C~55C
	Dimension( W*D*H)	30ft
PV	Size of PCS	(600*720*2050)*2+1600*1050*2050
	Air conditioning capacity	7.5kW*2
	Connectable PV capacity	600/660/720 KWp
	Number of PV modules	1152
	Combiner Box Components	16
PV	Combiner box model	24 in 1 out
	Number of combiner boxes	3



250kW/500kWh ESS Solution		
Battery Module	Battery cell	3.2V 280Ah
	PACK	1P224S*10
	Battery rack(7layer/rack)	22
	Battery capacity	2000.7 KWh
	Nominal voltage	716.8V
General Specification	DC voltage range	593.6-817.6V
	Ingress protection	IP55
	Fire extinguishing system	Support
	Operating temperature	-30°C~55C
	Dimension( W*D*H)	40ft
PV	Size of PCS	(600*720*2050)*3+1600*1050*2050
	Air conditioning capacity	7.5kW*3
	Connectable PV capacity	600/660/720 KWp
	Number of PV modules	2304
	Combiner Box Components	16
PV	Combiner box model	24 in 1 out
	Number of combiner boxes	4