

BESS SERIES

C&I OUTDOOR CABINET ALL IN ONE BESS



High Degree Of
Integration



Flexible Parallel
Functions



Intelligent Management
(Religion)



Excellent Protection

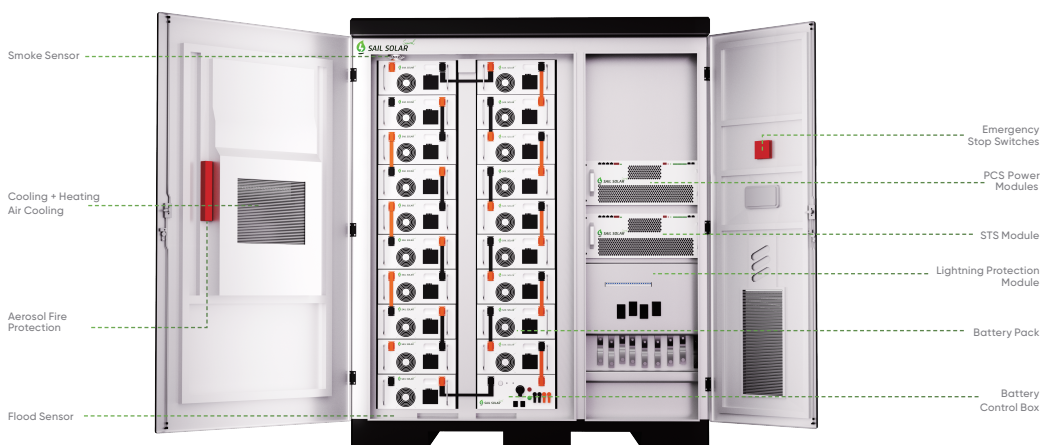


Space-Saving



IP55

System Productization



C&I OUTDOOR CABINET ALL IN ONE BESS

DATASHEET

MODEL	BESS-P215	BESS-P233	BESS-P261
Battery Energy(kWh)	215KWH	233KWH	261KWH
Rate Power	105KW	125KW	125KW
AC Output	400V,3L4N+PE,50HZ/60HZ		
Transfer time	≤20ms		
Communication	RS232/RS485/CAN/BLUETOOTH/WIFI		
Cooling metod	Ljiquid Cooling		
Storage temperature Range	-20-45°C		
Operation temperature	-20-60°C		
Humidity	5%RH~95%RH		
Aititude	≤3000m		
Safety System	Aerosol		

BATTERY PARAMETERS

Battery chemistry		LiFePO4	
Nominal capacity	280Ah	280Ah	314Ah
Composition method	1P240S	1P260S	
Nominal voltage	768V	832V	
Operating voltage Range	650-864V	728-936V	
Efficiency	>94% (DC side)		
Max Charging Current	140A		
Max Discharging Current	140A		
Cycle	6000 cycles 80% DOD, 0.5C		
Calendar Life	10 years		

PCS PARAMETERS

Max DC power	126kw/1min	137kw/1min	137kw/1min
Rate operating voltage	230/400VAC	AC 400VAC	AC 400VAC
Max AC current	167A	180A	180A
Approved grid frequency range	50±5Hz	50/60Hz	50/60Hz
AC harmonic voltage	<3% (linear load)		
Voltage deviation	<5% (linear load) (phase<3%)		

MECHANICAL SPECIFICATIONS

Machine Dimension (W*H*D)(mm)	1460*2203*1400		
N.W(kg)	≈2500Ah	≈2600	≈2750Ah
IP Grade	IP55		

CERTIFICATION & STANDARDS

UN38.3, MSDS, IEC62619, CE, UL1973, UL2054

