

ALL IN ONE Energy storage system

On/off-grid



CEB-40-25

40.96 KWh Battery System capacity

25 KW Rated output power



CEB-75-50

76.80 KWh Battery System capacity

50 KW Rated output power



CEB-150-100

153.60 KWh Battery System capacity

100 KW Rated output power



CEB-225-150

230.40 KWh Battery System capacity

150 KW Rated output power

ALL IN ONE Energy storage system

	Model	CEB-40-25	CEB-75-50	CEB-150-100	CEB-225-150	CEB-300-200
PV Parameter	MPPT Voltage Range (V)	DC180~DC1000V	DC200V~DC700V			
	MPPT Full-rate Voltage range (V)	DC360~DC850V	DC370V~DC700V			
	No. of MPPT paths	1	0~2 (Optional)			
	Max. current per channel (A)	18A	135A			
AC Parameter (Grid)	Rated Output Power (KW)	25	50	100	150	200
	Max. Output Power (KW)	27.5	55	110	165	220
	Rate Grid Voltage (KW)	AC 380/400				
	Connection Method	3W+N+PE				
	Grid Voltage Range	-15%~+10%				
	Rated Grid Frequency (Hz)	50/60				
	Grid Frequency Range (Hz)	±2				
	Output Current Harmonic	≤3% (Rated Power)				
AC Parameter (No Grid)	Rated Output Power (KW)	25	50	100	150	200
	Max. Output Power (KW)	27.5	55	110	165	220
	Rated Output Voltage (V)	3W+N+PE, 380/400				
	Output Voltage Harmonic	3% (Linear Full)				
	Rated Frequency (Hz)	50/60				
Overload Capability	≤105% (105,110):	Long-time Running ≥10min	105%: 105%-120%: 120%:	Long-time Running 10min Stop Running		
Battery Parameter	Cell Type	LFP				
	Single cell module capacity (KWh)	5.12				
	No. of Battery Modules	8	15	30	45	60
	Battery System Capacity (KWh)	40.96	76.8	153.6	230.4	307.2
	Running time (h)	1.5				
	Battery Life	25° 0.5C/0.5C 100%DOD EOL80% 4000 Cycle				
	Max. Efficiency	95%				
Protection	DC (BAT) Switch	Yes				
	PV Switch	Yes				
	AC Switch	Yes				
	DG Monitor	Yes				
	Grid Monitor	Yes				
	Insulation Monitor	Yes				
	Reverse DC Protection	Yes				
	Ground Fault Protection	Yes				
	Surge Protection	DC II / AC II				
Basic Parameter	Size (W*D*H) (mm)	1000*1069.2*1800	1682*1502*1700	1682*2264*1700	1682*3026*1700	1682*3788*1700
	Weight (kg)	976.5	1395	2470	3545	4620
	Isolation Method	Non-Isolation				
	IP Class	Outdoor IP54				
	Operation Temperature Range	-20~55°C (>45°C Derate)				
	Relative Humidity	0~95%RH, Non-Condensing				
	Temperature Control Method	PCS cabinet: smartair-cooled; Battery cabinet: air-conditioning				
	Max. working altitude (m)	4000 (>2000 Derate)				
	Display	Touchscreen				
	Communication Interface	LAN, RS485, CAN				
	Communication Protocol	Modbus-TCP, Modbus-RTU, CAN2.0B				
	Fulfilment	IEC62477, IEC61000, G99, VDE4115, EN50549-1, UN3480				