

CBS8000-64-96KWH

64 / 80 / 96 KWH

Smart battery cabinet



Simplicity

- Pre-installed in factory for easy installation on site
- Effortless operation, cloud control



Safety

- IP55 protect rating and high corrosion resistance (C3/C5 optional)
- Double fire suppression system design



Flexibility

- Single cabinet capacity of 64/80/96kWh
- Up to 4 cabinet in parallel (Max. 384kWh)



Robustness

- Max. 48kW charging/discharging power
- Active balancing for each battery module

Model	CBS8000-64KWH	CBS8000-80KWH	CBS8000-96KWH
Battery			
Battery Type ^[1]	LiFePO ₄		
Rated Capacity	314 Ah		
Max. Charging Current	150 A		
Max. Discharging Current	200 A		
Pack Configuration	1P16S		
Nominal Voltage	600 Vd.c		
Pack Quantity	4 Pack/Cluster	5 Pack/Cluster	6 Pack/Cluster
Battery Total Energy ^[2]	64.31 kWh	80.38 kWh	96.46 kWh
Rated Power	30.72 kW	38.40 kW	46.08 kW
System			
Protective Class	Class I		
IP Rating	IP55		
Anti-Corrosion Grade	C3 (Optional C5)		
Operating Temperature Range ^[3]	-20°C to + 50°C (Derating above 45°C)		
Relative Humidity Range	5%-95%		
Max. Operating Altitude ^[4]	3000m		
Installation	Floor Mounted		
Communication	CAN		
Cooling Mode	Intelligent Airflow		
Air Conditioner Power	1.5kW (Cooling), 1kW (Heating)		
Noise	65 dB (Typical)		
Fire Protection	Aerogel (Optional Perfluorohexanone)		
Dimensions (W×H×D)	750×2100×1150 mm (±20mm)		
Weight	1000±100 kg	1120±100 kg	1240±100 kg

[1] Rechargeable Li-ion Battery system.

[2] Test conditions: 0.2C charging/discharging at 25°C, 100%DOD.

[3] Refer to the temperature derating curve and the battery needs to enable heating function if it needs to be charge when temperature is blow 0°C.

[4] If the altitude is >2000m, derating operation is required, refer to the derating curve.

*All specifications are subject to change without notice.