

CBS8000-128-224KWH

128 / 144 / 160 / 176 / 192 / 208 / 224 kWh

Smart battery cabinet



Simplicity

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



Safety

- IP55 protect rating and C4 corrosion resistance
- Double fire suppression system design



Flexibility

- Single cabinet capacity of 128-224kWh
- Up to 4 cabinet in parallel (Max. 896kWh)



Robustness

- Max. 112kW charging/discharging power
- Active balancing for each battery module
- Wide temperature range from -20°C to 50°C

Model	CBS8000-128KWH	CBS8000-144KWH	CBS8000-160KWH	CBS8000-176KWH	CBS8000-192KWH	CBS8000-208KWH	CBS8000-224KWH
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	8 Pack/Cluster	9 Pack/Cluster	10 Pack/Cluster	11 Pack/Cluster	12 Pack/Cluster	13 Pack/Cluster	14 Pack/Cluster
Battery Total Energy ^[2]	128 kWh	144 kWh	160 kWh	176 kWh	192 kWh	208 kWh	224 kWh
Rated Power	32 kW	72 kW	80 kW	88 kW	96 kW	104 kW	112 kW
System							
Protective Class	Class I						
IP Rating	IP55						
Anti-Corrosion Grade	C4						
Operating Temperature Range ^[3]	-20°C -- 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	3 kW (Cooling), 2 kW (Heating)						
Noise	65 dB (Typical)						
Fire Protection	Aerogel (Optional Perfluorohexanone)						
Dimensions (W×H×D)	1350×2000×1250 mm (±20mm)						
Weight	1300±100 kg	1410±100 kg	1520±100 kg	1630±100 kg	1740±100 kg	1850±100 kg	1960±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.