CBS8000-64-96KWH

64 / 80 / 96 KWH

DC battery cabinet



We've GOT YOU COVERED with CGL insurance.

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

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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 kWh	80 kWh	96 kWh
Rated Power	32 kW	40 kW	48 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		3 kW (Cooling), 2 kW (Heating)	
Noise		65 dB (Typical)	
Fire Protection		Aerogel (Optional Perfluorohexanone)	
Dimensions(W×H×D)		750×2000×1250 mm	
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.