



Product advantages

- One cluster one management, high pressure box integrated built-in optimizer, can achieve free output voltage rise and fall, support flexible expansion.
- Active equalization between battery packs, higher usable energy. The integrated stack installation solution, allows quick onsite installation, and not need connect cables.
- Internal heater, supports charging in low temperature conditions.
- Up to 4 racks in parallel, 20~240kWh wide battery energy range.
- One-button automatic recognition, simple and convenient operation.
- IP66 protection rating, more reliable and safe.



Model		CBS5000-BCU
System Parameters		
Number of Battery Modules		4-12
Nominal Voltage		600 Vd.c
Operating Voltage Range		600-1000 Vd.c
Max. Charging Power		30 kW
Max. Discharging Power		30 kW
Max. Charging Current		41.7 A
Max. Discharging Current		41.7 A
Peak Output Power		50 kW, 10 s
General Parameters		
Protective Class		
IP Rating		Class I
Operating Temperature Range		IP66
		-20°C to +55°C
Relative Humidity Range		5%-95%
Max. Operating Altitude[2]		4000m
Installation		Floor Mounted
Dimensions(L*W*H)		625mm*415mm*210 mm
Cooling Mode		Intelligent Airflow
Weight		22kg
Max. Scalability		4
Communication		CAN
Display		LED

[1] Refer to the temperature derating curve
 [2] If the altitude is >2000m, derating operation is required, refer to the derating curve.
 *All specifications are subject to change without notice.