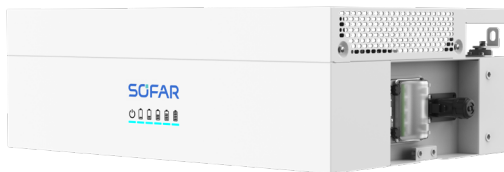


### Product advantages



- 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	Class I
IP Rating	IP66
Operating Temperature Range <sup>[1]</sup>	-20°C to +55°C
Relative Humidity Range	5%-95%
Max. Operating Altitude <sup>[2]</sup>	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.

## CBS5000-BMU

5.12 kWh

### SMART BATTERY



### Product advantages



- The integrated stack installation solution, allows quick onsite installation, and not need connect cables.
- All-weather performance from  $-20^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ , perfect for outdoor installation.
- Up to 4 racks in parallel, 20~200kWh wide battery energy range.



**Model****CBS5000-BMU****System Parameters**

Battery Type <sup>[1]</sup>	LiFePO <sub>4</sub> - lithium iron phosphate battery
Battery Total Energy <sup>[2]</sup>	5.12 kWh
Rated Capacity	100 Ah
Rated Power	2.5 kW
Nominal Voltage	51.2 Vd.c
Max. Charging Current	50 A
Max. Discharging Current	50 A

**General Parameters**

Protective Class	Class I
IP Rating	IP66
Operating Temperature Range <sup>[3]</sup>	-20°C to +55°C
Relative Humidity Range	5%-95%
Max. Operating Altitude <sup>[4]</sup>	4000m
Installation	Floor Mounted
Dimensions(L*W*H)	625mm*415mm*176mm
Cooling Mode	Natural
Weight	47kg
Communication	CAN

[1] Rechargeable Li-ion Battery system.

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

[3] Refer to the curve of temperature VS charging/discharging current.

[4] Derating above 2000m.

\*All specifications are subject to change without notice.