

CBS5000-BOT

BATTERY RACK OPTIMIZATION MODULE



Product advantages

- Small size, light weight, easy to install.
- Up to 4 units in parallel.
- Integrated battery tower management to improve usable energy.
- One-button automatic recognition, simple and convenient operation.
- High efficiency with three-level technology.
- IP65 for outdoor use.



Model	CBS5000-BOT
Battery side	
Rated voltage	512V
Voltage range	179.2-584V
Max.charge current	50A
Max.discharge current	60A
BUS side	
Rated voltage	600V
Voltage range	510-980V
Rated power	25.24kW
Rated current	42A
Max.efficiency	99%
General Parameters	
Overvoltage protection	Yes
Overcurrent protection	Yes
Short circuit protection	Yes
Battery reverse connection protection	Yes
insulation impedance detection	Yes
Cooling	Smart air cooling
Communication	CAN,RS485
Dimension(W*H*D)	500*400*190mm
Weight	16.5kg
Protection rating	IP65
Operating temperature ^[1]	-30-60℃
Humidity	5%RH-95%RH (non-condensing)
Altitude ^[2]	≤4000m
Installation	Wall mounted
Display	LED
SPD	Type II
Standard	IEC62109, IEC 62477-1, IEC 61000-6-2/-4

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