

BC100DME

100kWh outdoor All-in-one ESS cabinet



Safe&Reliable

- CATL LFP Battery Cell
- Double Fire Suppression System Design
- 1+1 Redundancy Design



Simple&User-Friendly

- Pre-installed in Factory for Easy Installation on Site
- Integrated BMS/EMS, Suitable for Various Applications
- Effortless Operation, Cloud Control



Economical&Efficient

- Save Capex, Expanding as Required
- Efficient and Energy-saving HVAC Design

Outdoor battery cabinet parameters

Technical Parameters	BC100DME
Battery Type	LFP
Battery Module Capacity	5.12kWh
Number of Modules	10*2
Total Battery Capacity	102.4kWh
Nominal Voltage	512V
Operating Voltage Range	448V~565V
Charge/Discharge Rate	Max. 0.5C
DoD	90%

General Parameters	BC100DME
Dimensions(WxDxH)	1100 x 1100 x2380 mm
Weight	<1.5T
Installation Site	Outdoor
IP Protection	IP54
Anti Corrosion Level	C4
Operation Humidity	5%~95% (No Condensing)
Operation Temperature	-30°C~+50°C
Max. Operation Altitude	4000m (>3000m Derating)
Communication Port	Ethernet;CAN
Communication Protocol	CAN;MODBUS TCP/IP
Cooling Method	Air Conditioner
Standards	IEC62619-2017;UN38.3;IEC61000-6-2/4