

# BC100D

100kWh outdoor All-in-one ESS cabinet



## Highlights:

### 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    | BC100D    |
|-------------------------|-----------|
| 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      | BC100D                              |
|-------------------------|-------------------------------------|
| Dimensions(WxDxH)       | 1100*1100*2380 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 |

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