



BATTERY STORAGE SYSTEM TCB10



Easy Installation

Modular design, easy maintenance & replacement



Efficiency

95% charge/discharge efficiency



IP Rating

IP67



Designed Lifeban

Rated life span around 4000 cycles



High Voltage



Simple Installation



High Quality



Smart Management



High Efficiency



Easy to Expand

Upgrade your home's energy storage with our Lithium battery - efficient, safe and eco-friendly!

- High Voltage
- 200Ah Capacity
- 98% Depth of Discharge
- Easy Installation
- CAN/RS485/RS232
- Long Life-span



TECHNICAL PARAMETERS

Model	TCB10
Battery Type	LiFe PO4
Energy	10240Wh
Capacity	200AH
Rated Voltage	51.2V
Working Voltage Range	40~58.4V
Max Charge Current	200A
Max Discharge Current	200A
Standard Charge Current	100A
Standard Discharge Current	100A
DOD	98%
Max Parallel Quantity	6
Designed Life-span	4000 cycles
Operating Temperature	Charge: 0~60°C Discharge: -10~60°C
Operation Humidity	5~95%
Nominal Operation Altitude	<3000m
IP Rating	IP67
Installation Method	Wall-Mount / Vertical
Communication	RS485/CAN/RS232
Certification	MSDS、UN38.3、CE、RoSh
Net Weight	90.6kg
Dimension(L*W*H)	502*171*823mm

- 1) Test conditions: 100% DOD. 0.5°C charge & discharge at +25°C
- 2) -10°C to 10°C will be derating

Notes:

- *In off-grid clear weather condition, solar panel charges into the battery through the inverter during the day.
- *The battery gets to work to the load appliances through the inverter at night.