



# BATTERY STORAGE SYSTEM TCB15



## Easy Installation

Modular design, easy maintenance & replacement



## Efficiency

95% charge/discharge efficiency



## IP Rating

IP67



## Designed Lifeban

Rated life span around 6000 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
- 300Ah Capacity
- 98% Depth of Discharge
- Easy Installation
- CAN/RS485/RS232
- Long Life-span



### TECHNICAL PARAMETERS

Model	TCB15
Battery Type	LiFe PO4
Energy	15200Wh
Capacity	300AH
Rated Voltage	51.2V
Working Voltage Range	40~58.4V
Max Charge Current	300A
Max Discharge Current	300A
Standard Charge Current	150A
Standard Discharge Current	150A
DOD	98%
Max Parallel Quantity	4
Designed Life-span	6000 cycles
Operating Temperature	Charge: 0~55°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	140.4kg
Dimension(L*W*H)	424.7*244*842.8mm

- 1) Test conditions: 100% DOD. 0.2°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.