



BATTERY STORAGE SYSTEM TCB05



Easy Installation

Modular design, easy maintenance & replacement



Efficiency

95% charge/discharge efficiency



IP Rating

IP65



Designed Lifeban

Rated life span around 4000 cycles

Our Lithium batteries for home use are rechargeable batteries designed to store electricity generated by solar panels, grid, or other renewable energy sources. They provide a way to store excess energy during periods of low usage or when energy is abundant, and discharge it when needed, such as during peak hours or when there is a power outage.

Power your home with our Lithium battery - a reliable and long-lasting energy storage solution!

- High Voltage
- 100Ah Capacity
- 98% Depth of Discharge
- Easy Installation
- CAN/RS485/RS232
- Long Life-span



High Voltage



Simple Installation



High Quality



Smart Management



High Efficiency



Easy to Expand

TECHNICAL PARAMETERS

Model	TCB05
Battery Type	LiFePO4
Energy	5120Wh
Capacity	100AH
Rated Voltage	51.2V
Working Voltage Range	40~58.4V
Max Charge Current	100A
Max Discharge Current	100A
Standard Charge Current	50A
Standard Discharge Current	50A
DOD	98%
Max Parallel Quantity	16
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	IP65
Installation Method	Wall-Mount
Net Weight	46.3kg
Dimension(L*W*H)	635.4*424.1*191.5mm

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.