

# Stacked Battery

MODEL: B500-2 / B500-3 / B500-4



## Product Description

1. Long service life: 6000 times charge and discharge, more than 8 years life cycle.
2. Standard module design: Battery modules can be stacked according to load conditions, Optional capacities 5KWh,10KWh,15KWh, and 20KWh.
3. Installation method: Stacked installation, Free combination, Two buckles on the left and right sides for easily installation and transportation.
4. Safety: BMS protection, Inverter protection, Circuit breaker protection, Ground protection.
5. Communication: Supports the communication protocols of 90% of brand inverters on the market.



Long service life



Stack-based



Multiple Protections



Communication

# B500-2/3/4 STACKED BATTERY



Convenient




CAN&RS485 Communication



System Demo



# PRODUCTION PARAMETERS

MODEL	B500-2	B500-3	B500-4
Picture			
Capacity	10240Wh	15360Wh	20480Wh
Battery Type	LiFePO4	LiFePO4	LiFePO4
Voltage	51.2V	51.2V	51.2V
Current	200A	300A	400A
DoD	0.9	0.9	0.9
Storage Humidity	5% ~ 95%	5% ~ 95%	5% ~ 95%
Operation Voltage	44V ~ 58.4V	44V ~ 58.4V	44V ~ 58.4V
Charge Voltage	52.5V ~ 59.4V	52.5V ~ 59.4V	52.5V ~ 59.4V
Charge/Discharge Current	200A	300A	400A
Peak Charge/Discharge Current	230A(Peak@10s)/260A(Peak@1s)	345A(Peak@10s)/390A(Peak@1s)	460A(Peak@10s)/520A(Peak@1s)
Network Interface	RS485/Can	RS485/Can	RS485/Can
Life Cycle (Times)	>6000(25°C)	>6000(25°C)	>6000(25°C)
Storage Time	6 Months Power Off	6 Months Power Off	6 Months Power Off
Altitude	≤2000m	≤2000m	≤2000m
Operating Temperature	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 50°C
Discharge Temperature	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 50°C
Charge Temperature	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 50°C
Storage Temperature	-10°C ~ 55°C	-10°C ~ 55°C	-10°C ~ 55°C
Dimension.D*W*H(mm)	542.5*220*905.2mm	542.5*220*1336.5mm	542.5*220*1767.5mm
Net Weight(kgs)	80kg	118kg	156kg