



POWERWALL

BST-POWA SERIAL
BST-POUP SERIAL

2.5KWH
5.0KWH
8.0KWH
10.0KWH



Guangzhou Best Electronic Technology Co. ,Ltd

1. BST-POWA-SERIES

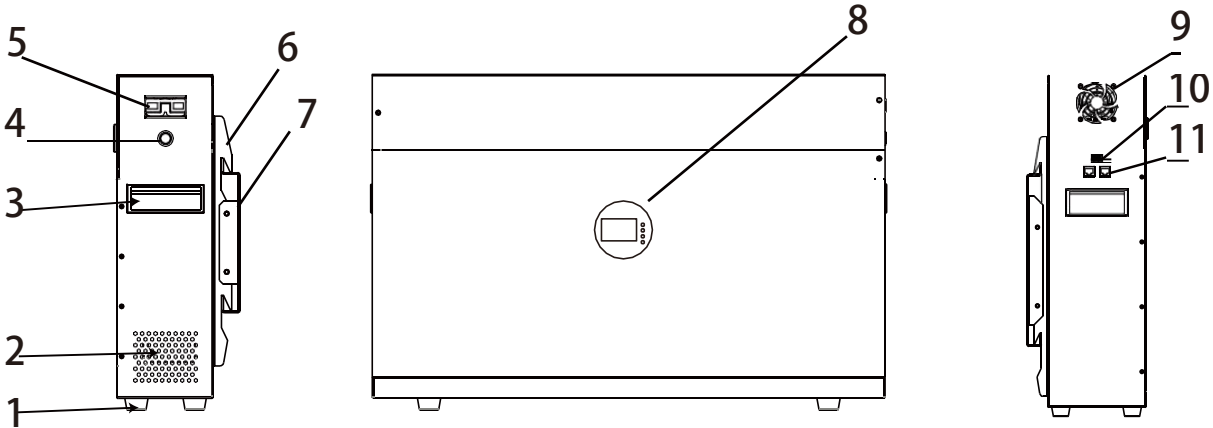
1.BEST-POWA-2.5KWH/5KWH/10KWH

Product feature



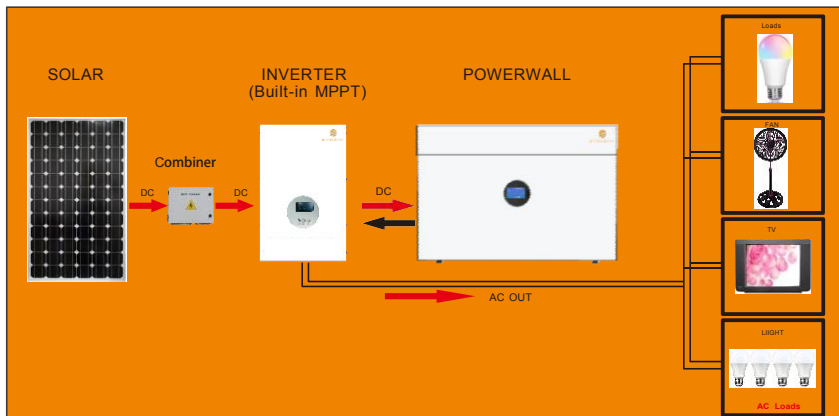
- ◆ With high-performance LiFePo4 battery ,safety and long lifespan
- ◆ PC series use air-cooled heat to improve reliability
- ◆ External weak current switch reduces power consumption and improves safety;
- ◆ Can be use in different occasions with foot pads and wall brackets
- ◆ Multiple protection function to protect power socket
- ◆ stable output,can be connect to difference types of loads within the voltage rang
- ◆ support 4 pins (max 15pins optional)
- ◆ support 4G or wifi monitor module (optional)

Structure description



- 1.foot pads 2.heat-sink window 3. handgrip 4. weak switch 5.charging and discharging port
 6.hanging bracket 7.wall bracket 8.LCD display screen 9.cooling fan 10.parallel dialed code
 11.RS485 communication terminal

Product connection diagram



BST-POWA-SERIES

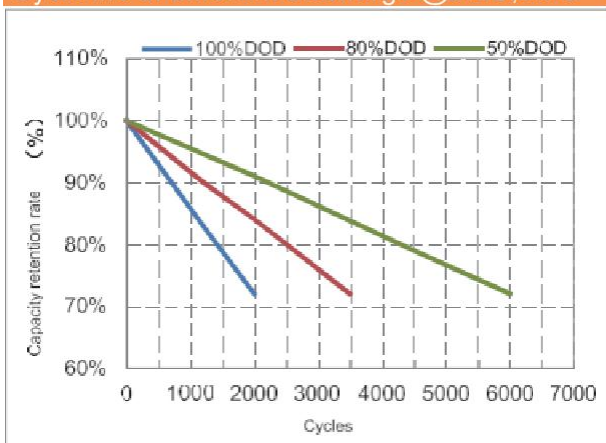
BST-POWA (2.5KWH--10KWH)

Parameter

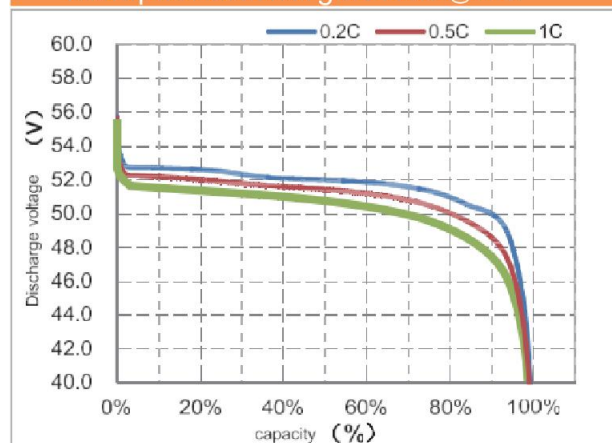
MODEL	BST-POWA-2.5KWH	BST-POWA-5KWH	BST-POWA-10KWH
Array Mode	16S	16S	16S
Nominal Energy(KWH)	2.5	5.0	10
Minimum Energy(KWh)	≥2.45	≥4.92	≥10.0
Nominal Voltage(V)	51.2V	51.2V	51.2V
Charge Voltage(V)	58.4V	58.4V	58.4V
Discharge Cut-off Voltage(V)	40	40	40
Standard charging current	10	20	40
Max continuous charging current	50	100	100
Max continuous discharging current	50	100	100
Cycle life	≥2000 times@100%DOD,25°C		
Communication Mode	NO	RS485	RS485
Operating Temp.	0-60°C	0-60°C	0-60°C
Product size (L*W*H)mm	626*116*403	750*149*511	780*208*606
Net weight(kg)	~32	~68	~98
Packing size(L*W*H)mm	705*490*275	840*610*305	870*670*360
Gross weight(kg)	~43	~82.5	~115

Product curve

Cycle life of different discharge @0.2C,25°C



Multiplier discharge curve @25°C



2. BST-POUP-SERIES

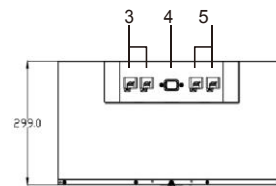
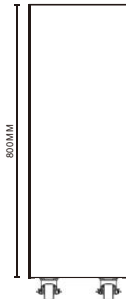
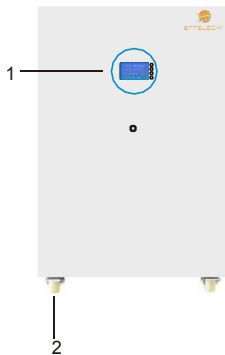
2.BST-POUP-8KWH/10KWH

Product feature



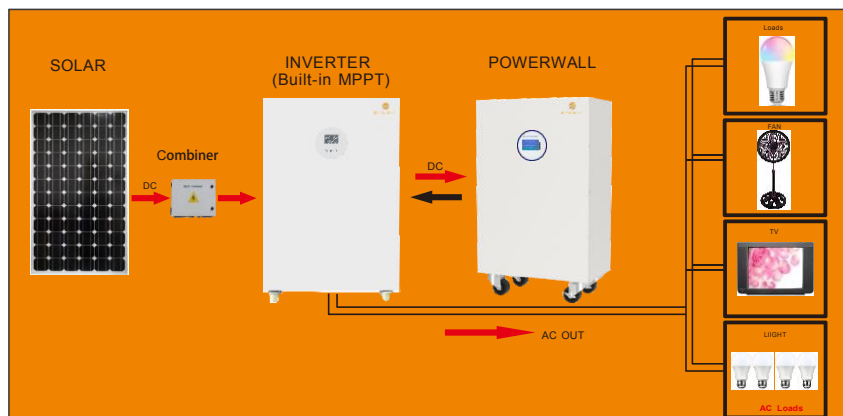
- ◆ With high-performance LiFePo4 battery ,safety and long lifespan
- ◆ PC series use air-cooled heat to improve reliability
- ◆ External weak current switch reduces power consumption and improves safety;
- ◆ Has casters .moved and convenient for installation in different occasions
- ◆ Multiple protection function to protect power socket
- ◆ stable output,can be connect to difference types of loads within voltage rang
- ◆ support 4 pins (max 15pins optional)
- ◆ support 4G or wifi monitor module (optional)

Structure description



1. LCD display screen 2. Foot pads 3.Battery positive 4.Communicate terminal 5.battery negative

Product connection diagram



BEST-POUP-8/10KWH

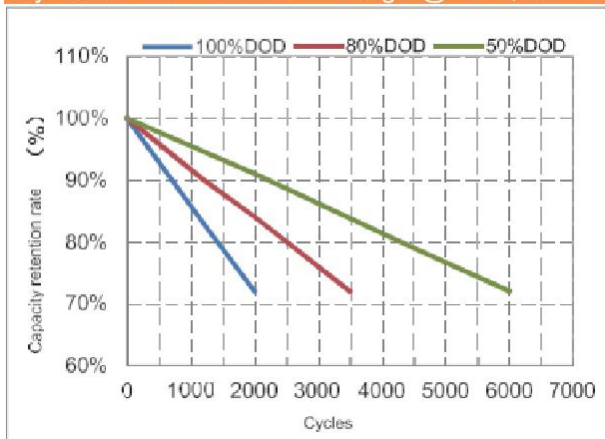
BST-POUP(8.0-10.0KWH)

Parameter

MODEL	BST-POUP-8KWH	BST-POUP-10KWH
Array Mode	16S	16S
Nominal Energy(KWh)	8.0	10.0
Minimum Energy(KWh)	≥8.0	≥10.0
Nominal Voltage(V)	51.2V	51.2V
Charge Voltage(V)	58.4V	58.4V
Discharge Cut-off Voltage(V)	40	40
Standard charging current	40	40
Max continuous charging current	100	100
Max continuous discharging current	100	100
Cycle life	≥2000 times@100%DOD,25°C	
Communication Mode	RS485	RS485
Operating Temp.	0-60°C	0-60°C
Product size (L*W*H)mm	550*300*800	550*300*800
Net weight(kg)	~80	~109
Packing size(L*W*H)mm	870*670*360	870*670*360
Gross weight(kg)	~96.8	~126

Product curve

Cycle life of different discharge @0.2C,25°C



Multiplier discharge curve @25°C

