



POWERWALL

BST-POWA SERIES

3.2KWH
6.4KWH
12.8KWH



Guangzhou Best Electronic Technology Co.,Ltd

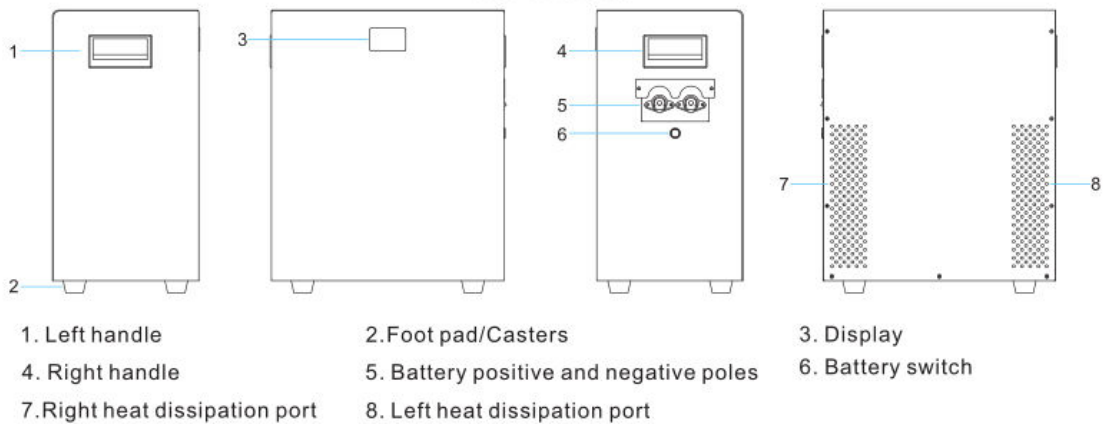
Features



- ◆ The power supply adopts high-performance LiFePO4 battery, which has high safety performance and long service life;
- ◆ External weak current switch reduces product power consumption and improves safety;
- ◆ Energy storage power supply with casters, which can be used in different occasions;
- ◆ Possess multiple protection functions to protect the safety of the power supply in all positions;
- ◆ Stable output, can be connected to different types of loads within the voltage range;
- ◆ 12V system Standard configuration supports 4 parallels ;24V and 48V system Standard configuration supports 15 parallels and 485 communicate ,

Structural parts description

12.8V 250Ah



1. Left handle

2. Foot pad/Casters

3. Display

4. Right handle

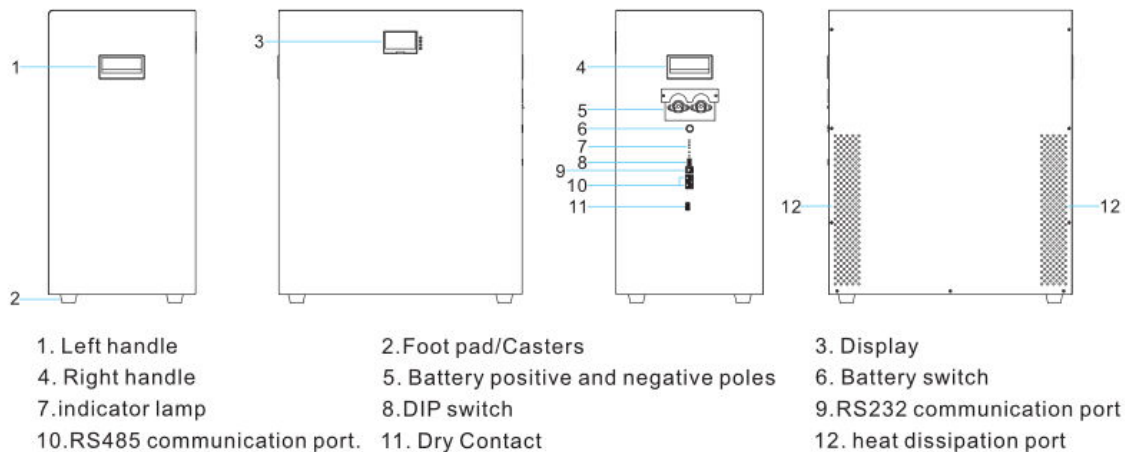
5. Battery positive and negative poles

6. Battery switch

7. Right heat dissipation port

8. Left heat dissipation port

25.6V 250Ah/51.2V 250Ah



1. Left handle

2. Foot pad/Casters

3. Display

4. Right handle

5. Battery positive and negative poles

6. Battery switch

7. indicator lamp

8. DIP switch

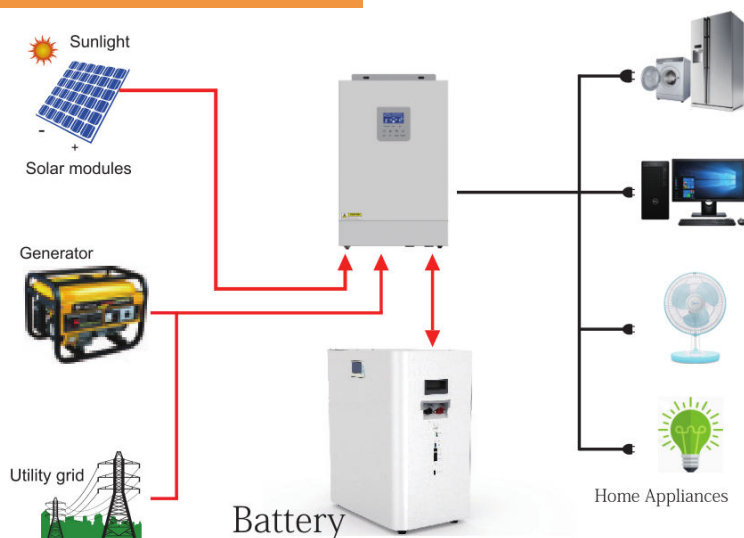
9. RS232 communication port.

10. RS485 communication port.

11. Dry Contact

12. heat dissipation port

Product connection intention



Product parameter

MODEL	BST-POWA-3.2KWH	BST-POWA-6.4KWH	BST-POWA-12.8KWH
Cell series connection	4S	8S	16S
Rated energy (KWH)	3.2	6.4	12.8
Rated voltage (V)	12.8	25.6	51.2
Charging voltage (V)	14.6	29.2	58.4
Discharge cut-off voltage(V)	10	20	40
Standard charging current (A)	50		
Maximum charging current (A)	125	125	125
Maximum discharge current (A)	150	200	200
Cycle life	≥5000times@80%DOD,25°C		
Communication method	RS485(Options)	RS485/RS232	
Operating temperature	0-60°C		
Product Size (L*W*H) mm	400*251*465	480*311.5*562	580*351*677.5
N.W. (Kg)	42.5KG	76KG	158KG
Packing size (L*W*H) mm	455*315*660	540*565*800	700*390*915
G.W. (Kg)	51KG	90KG	181KG