



# POWERWALL

BST-POWA SERIAL

5.0KWH  
10KWH



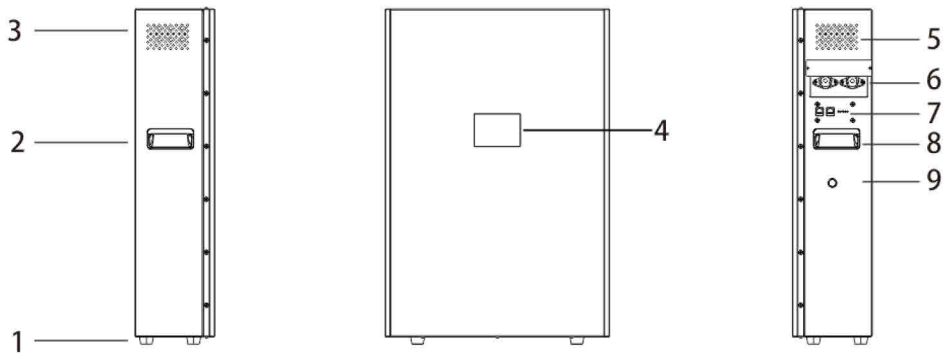
Guangzhou Best Electronic Technology Co.,Ltd

## Features



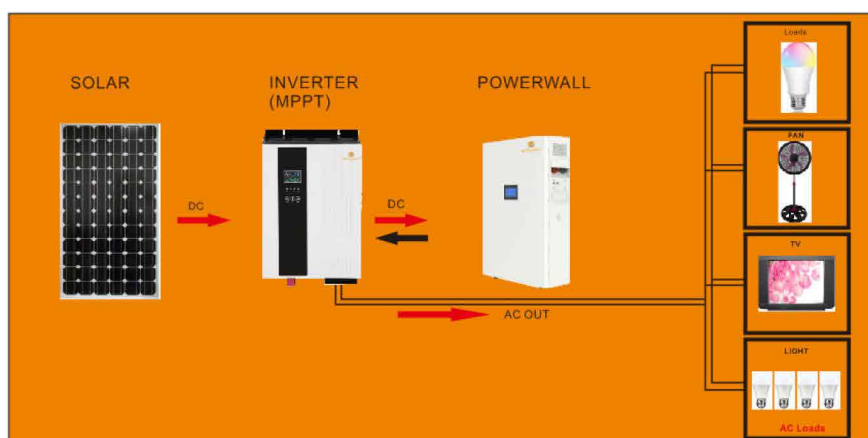
- ◆The power supply adopts high-performance LiFePO4 battery, which has high safety performance and long service life ;
- ◆POWERWALL series of energy storage power supplies adopt air-cooled heat dissipation to improve product reliability ;
- ◆External weak current switch reduces product power consumption and improves safety ;
- ◆Energy storage power supply with foot pads and wall mount, which can be installed and 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 ;
- ◆Standard configuration supports 4 parallels (up to 15 parallels, optional).

## Structural parts description



- |                             |                                |  |
|-----------------------------|--------------------------------|--|
| 1. Foot pad                 | 2. Left handle                 | 3. Left heat dissipation port          |
| 4. Display                  | 5. Right heat dissipation port | 6. Battery positive and negative poles |
| 7. RS485 communication port | 8. Right handle                |  |
| 9. Battery switch           |                                |  |

## Product connection intention



## 2. BST-POWA-5KWH/10KWH parameter

### Product parameter

MODEL	BST-POWA-5KWH	BST-POWA-10KWH
Cell series connection	16S	16S
Rated energy ( KWH )	5.0	10
Minimum energy ( KWH )	≥4.92	≥10.0
Rated voltage ( V )	51.2	51.2
Charging voltage ( V )	58.4	58.4
Discharge cut-off voltage( V )	40	40
Standard charging current ( A )	20	40
Maximum charging current ( A )	100	100
Maximum discharge current ( A )	100	100
Cycle life	≥5000times@80%DOD,25°C	≥5000times@80%DOD,25°C
Communication method	RS485	RS485
Operating temperature	0-60°C	0-60°C
Product Size ( L*W*H ) mm	480*160*670	690*160*870
N.W. ( Kg )	68	98
Packing size ( L*W*H ) mm	535*370*715	715*370*905
G.W. ( Kg )	81.5	154