



POWERWALL

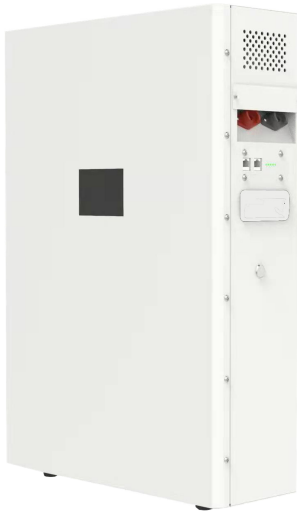
BST-POWA SERIAL

5.0KWH
10KWH



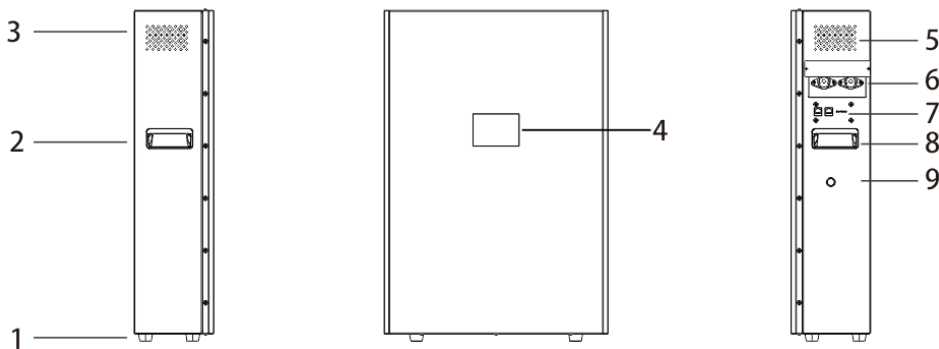
Guangzhou Best Electronic Technology Co.,Ltd

Features



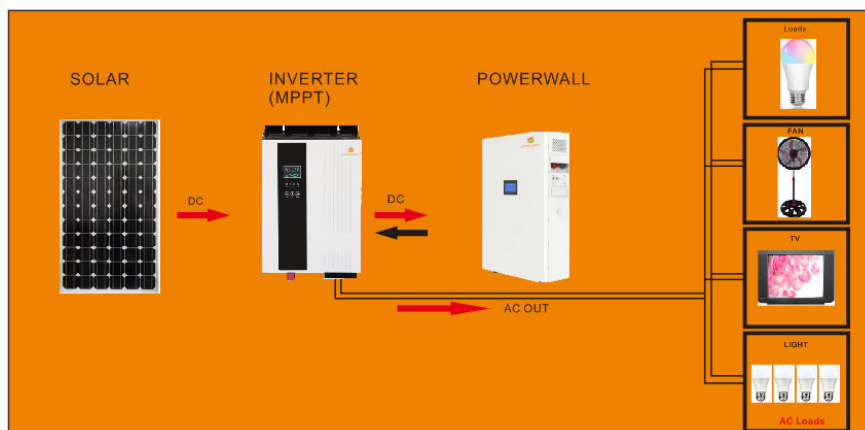
- ◆The power supply adopts high-performance LiFePO4 battery, which has high safety performance and long service life ;
- ◆POWERWALL series of energy storage power supplies adopt air-cooled heat dissipation to improve product reliability ;
- ◆External weak current switch reduces product power consumption 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