



## BST-LiFePo4 BATTERY SPECIFICATION

51.2V100AH

51.2V150AH

51.2V200AH



Guangzhou Best Electronic Technology Co., Ltd

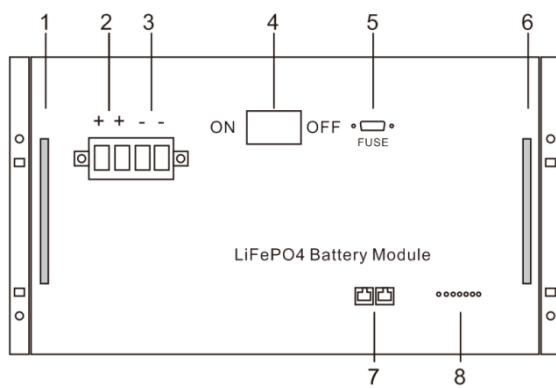
## BST-LFP-SERIES

### Features



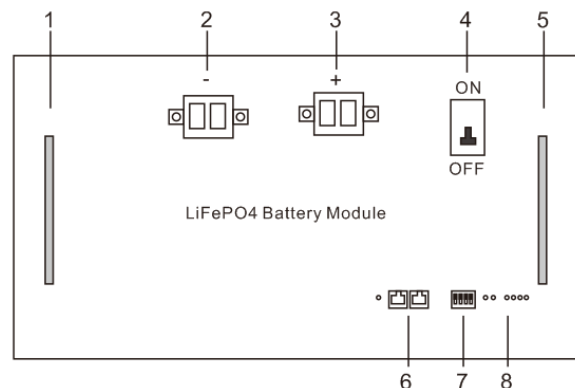
- ◆The driver adopts high-performance LiFePO4 battery, which has high safety performance and long service life ;
- ◆Tower-type energy storage driver adopts efficient heat dissipation method to improve product reliability ;
- ◆External weak current switch reduces product power consumption and improves safety ;
- ◆Tower battery can be installed in the cabinet or used alone ;
- ◆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 (maximum 15 parallels, optional),

### Structural parts description



100AH

- |                             |                    |
|-----------------------------|--------------------|
| 1.Left handle               | 2.Battery positive |
| 3.Battery negative          | 4. On battery off  |
| 5.FUSE                      | 6. Right handle    |
| 7. RS485 communication port | 9. Indicator light |
| 8. DIP switch               |                    |



150/200AH

- |                    |                             |
|--------------------|-----------------------------|
| 1.Left handle      | 2.Battery positive          |
| 3.Battery negative | 4. On battery off           |
| 5.Right handle     | 6. RS485 communication port |
| 7. DIP switch      | 8. Indicator light          |

**Parameter:**

<b>MODEL</b>	<b>BST-LFP-51.2V100AH</b>	<b>BST-LFP-51.2V150AH</b>	<b>BST-LFP-51.2V200AH</b>
Cell series connection	16S	16S	16S
Rated energy ( KWH )	5.0	7.68	10
Minimum energy ( KWH )	≥4.92	≥7.68	≥10
Rated voltage ( V )	51.2	51.2	51.2
Charging voltage ( V )	53.6V – 55.2V ( Float ) 55.2V - 57.6V ( Equal charge )	53.6V – 55.2V ( Float ) 55.2V - 57.6V ( Equal charge )	53.6V – 55.2V ( Float ) 55.2V - 57.6V ( Equal charge )
Discharge cut-off voltage ( V )	40	40	40
Standard charging current ( A )	30	50	50
Maximum charging current ( A )	50	75	100
Maximum discharge current ( A )	100	100	100
Cycle life	≥5000 @80%DOD,25°C	≥5000 @80%DOD,25°C	≥5000 @80%DOD,25°C
communication method	RS485	RS485	RS485
Operating temperature	0-60°C	0-60°C	0-60°C
Size ( L*W*H ) mm	490*485*270	520*460*330	520*460*330
N.W. ( Kg )	55	85	135
Packaging size ( L*W*H ) mm	590*580*280	620*560*380	620*560*380
G.W. ( Kg )	62.5	92.5	143.5