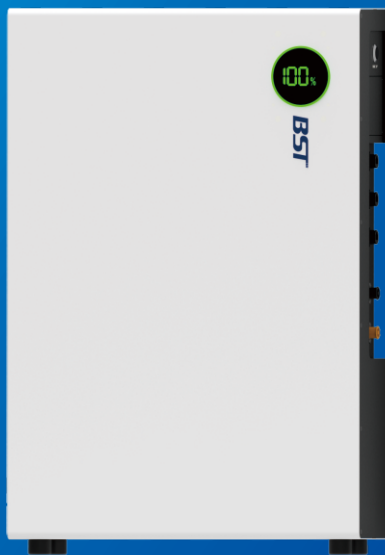
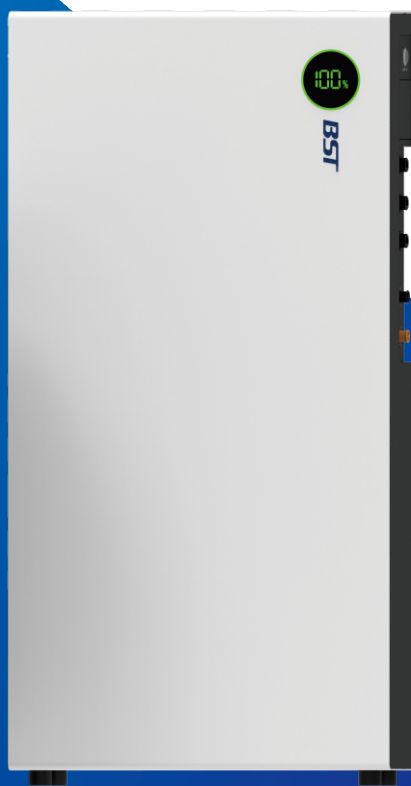


# BST

## RESIDENTIAL ENERGY STORAGE BATTERY SYSTEM



PB2-5.1



PB2-10.2

# PB 2

- + Cobalt Free LiFePO4 Battery
- + Simple Installation
- + Max. Scalable to 102.4kWh
- + High Safety, Long Lifespan, High power
- + Compatible with Various Inverters



Read More

### BST POWER ( SHENZHEN ) LIMITED

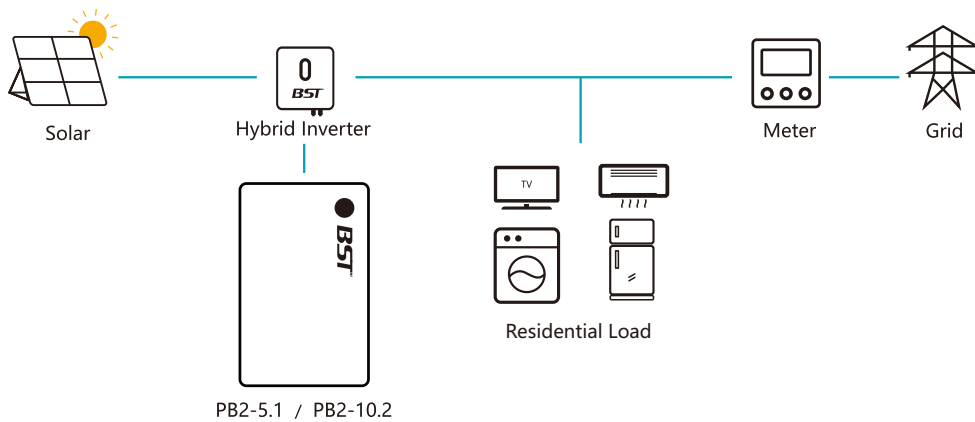
+86-0755-84260300

<http://www.bstbattery.com>

[sales@bstbattery.com](mailto:sales@bstbattery.com)

No.37 Xinlong Road, Dakang Community, Henggang Street, Longgang District, Shenzhen, 518115, China

# RESIDENTIAL ENERGY STORAGE BATTERY SYSTEM



Model	PB2-5.1	PB2-10.2
<b>General</b>		
Nominal Energy	5.12 kWh	10.24 kWh
Usable Energy	5.12 kWh	10.24 kWh
Scalability	Max. 10 in parallel ( 51.2 kWh )	Max. 10 in parallel (102.4 kWh)
Dimension (W × H × D)	480 x 700 x 145 mm	520 x 1000 x 145 mm
Weight	~ 58 kg	~ 110 kg
Installation	Indoor / Outdoor, Floor / wall mounted	Indoor / Outdoor, Floor
Design Life	10 Years	10 Years
<b>Electrical</b>		
Nominal Voltage	51.2 V	51.2 V
Operating Voltage Range	43.2 ~ 56.8 V	43.2 ~ 56.8 V
Max. Power	5 kW	6 kW
Peak Discharge Power	10 kW for 1 sec	15 kW for 1 sec
<b>Operation</b>		
Charge Temperature	0 ~ 50°C	
Discharge Temperature	-10 ~ 50°C	
Storage Temperature	-20 ~ 45°C	
Humidity	5% ~ 95% RH ( No Condensation )	
Altitude	≤4000m	
Ingress Protection	IP65	
Communication Interface	CAN, RS485 ( Optional WIFI, BLE)	
Certification	UN38.3, EN 61000-6-1, EN 61000-6-3, IEC62619	
Compatible Inverter	BST / Deye / Goodwe / Victron / Solis / Sofar	