



## RESIDENTIAL ENERGY STORAGE UNIT BRE-B-10K Serial

### PRODUCT FEATURES

#### FLEXIBILITY AND COMPATIBLE

- Total energy: 9.6KWh
- RS232/CAN
- Capacity extends to 76.8KWh
- Installation: Floor mounted
- Matched with various global top Inverter brands

#### SAFETY AND RELIABLE

- High safety standard of LFP (LiFePO<sub>4</sub>) cell
- Long life battery design supported by the efficient equalization technology
- Advanced BMS protection functions

## TECHNICAL SPECIFICATIONS

Model	BRE-B-10K
Nominal Voltage	48V
Voltage Range	42 ~ 54.75V
Total Energy	9.6kWh
Cell Type	LFP (LiFePO4)
Standard Charge/Discharge Current	100A / 100A
Charge Temperature Range	-10 ~ 55 °C
Discharge Temperature Range	-20 ~ 55 °C
Discharge Depth	90%
Number of Parallel Modules	Up to 8 packs
Mounting Method	Floor mounted
Dimensions (W*H*D)	620 * 900 * 230mm
Weight	105kg
Communication Protocols	RS232 / CAN
IP Grade	IP54
Certification Standard	IEC61000 / IEC62619 / IEC62040 / UN38.3
Storage Temperature	-10 ~ 50 °C
Warranty	10 years without restriction on number of cycles
Country of Manufacturer	China

Note: Materials and specifications are subject to change without notice

## SYSTEM ARCHITECTURE

