

PowerGiant



Residential Energy Storage Unit PG-BA10K

Version 1.0

PowerGiant Technology Corporation reserves the right of final interpretation (2024)

Specification	
Nominal Voltage	48V
Range of Voltage	42~54.75V
Total Energy	10kWh
Cell Type	LFP
Standard Charge/Discharge Current	100A/100A
Charge Temperature Range	0~55℃
Discharge Temperature Range	-20~55℃
Discharge of Depth (DoD)	0.9
Module Parallel	Up to 8 packs
Installation	Floor mounted
Dimension(W*H*D)	620 x 900 x 230 mm
Weight	105 kg
Communication	RS232/ CAN
IP Grade	IP54
Certification Standard	CEC/IEC61000/IEC62619/IEC62040/UN38.3
Warranty	5-Year Product Warranty, 10-Year Performance Warranty
Storage Temperature	-10~45℃

Product Feature

Flexibility & Compatible

- Total energy: 10kWh
- RS232/CAN
- Capacity extends to 76.8KWh
- Installation: Floor mounted
- Matched with various global top Inverter brands

Safety & Reliable

- High safety standard of LFP cell
- Long life battery design supported by the efficient equalization technology
- Advanced BMS protection functions

System Architecture

