



gorban



Gorban Power Battery Energy Storage System

www.gorban-generator.com





Battery Energy Storage System

Gorban Power Residential Battery Energy Storage System (BESS) is a cutting-edge solution designed for seamless integration with solar panels (PV), hybrid inverters, batteries, and the grid. This system enables intelligent energy management for residential applications, providing an efficient way to store and optimize energy use.



FEATURE

KEY

Easy to install, transport, and store, thanks to its modular setup.

Designed to offer significant cost savings with a fast return on investment.

With a simplified interface, the system is easy to operate and maintain, reducing the need for complex setups.

With a simplified interface, the system is easy to operate and maintain, reducing the need for complex setups.

Basic Data

Rated Output Power	12 kW
Rated Output Voltage (50HZ) (3ph)	380V/400V/415V
Battery Storage Capacity	25 kWh Min- 30KWh Max

Battery (LiFePO4)

Cell Type	LiFePO ₄
Cyclic Life (0.5C @ 90% DoD)	6000 Cycles
Discharge Current (0.5C)	50 A
Charger Current(0.5C)	50 A

PV Input Specifications

Voltage Range	200 Vdc~ 650 Vdc
Maximum PV Power	15 kWp
Communication	CAN, RS485, Ethernet

AC Output Data

Rated Grid Frequency	50 / 60 Hz
Power Factor	3 Phase , 0.8 leading to 0.8 lagging
Rated Voltage	380V/ 400V/ 415V
Rated AC Output Power	12 kW
Maximum AC Output Current	27 A



gorban

CONTACT US

 0044-7538919348 (UK) | 0086-13940087735 (China)


 info@bao-power.com

 www.gorban-generator.com


 No. 120-5, Hongrun Road, Yuhong District, Shenyang, China,
Gate 1

FOLLOW US

 <https://www.linkedin.com/company/gorbanpoweruk/>

 <https://www.facebook.com/GorbanPower/>

 <https://www.tiktok.com/@gorban.power>

 <https://www.youtube.com/@GorbanPower>

Photographs are for illustrative purposes only and may not reflect final specification.