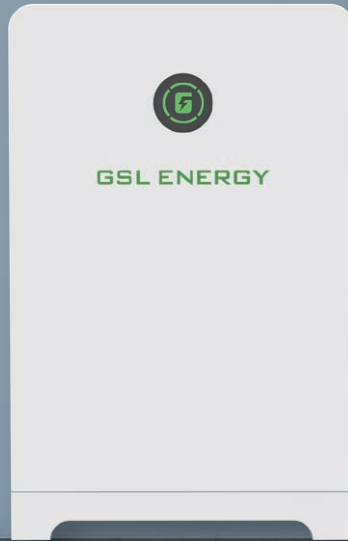
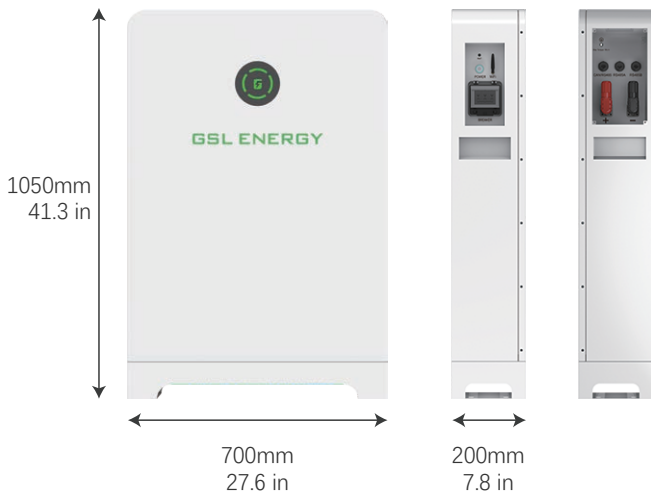


GSL ENERGY

Much More Than Grade A



IP65
51.2V 314Ah 16.08kWh



As the leading vertically integrated manufacturer of lithium iron phosphate battery systems, GSL ENERGY has provided various battery solutions for nearly all kinds of ESS applications. Thanks to our self-developed core technology in cells/BMS/system design, GSL ENERGY has delivered more than 138+ countries serving 100,000+ users.

www.gsl-energy.com

✓ Long life and safety

Vertical industry integration ensures more than 10000 cycles with 80% DoD.
Safe Lithium iron phosphate battery cell.

✓ Intelligent

Each battery with independent BMS system manages power output smartly and effectively.

✓ Modularization

Modular design gives the end customers the power of choice of capacity Deliver up to 241KW with single max module (16.08kWh) at 15pcs parallel connection.

✓ Easy to install and use

Just plug and play to minimize the installation time and cost. Compact and fashionable design fits in your sweet home environment.

✓ Compatibility

Compatible with most of the available Hybrid inverters.

✓ Safety Cert

UL1973, UN38.3, MSDS

Battery Specifications

Model No

GSL051314A-B-GBP2F

Nominal Parameters

| | | |
|--------------------------------------|--------------------------------|------|
| Battery Chemistry | LiFePO4 | |
| Voltage | 51.2V | |
| Operating Voltage | 46-56V | |
| Capacity | 314Ah | |
| Energy | 16.08kWh | |
| Scalability | Max.15pcs in parallel (241kWh) | |
| Recomend Discharge Energy (90% DOD) | 14.47kWh | |
| Charge/Discharge Current | Recommend | 150A |
| | Max. | 200A |
| | Peak(1mins,25°C) | 300A |

Basic Parameters

| | |
|---|--|
| Recommend Depth of Discharge | 90% |
| Dimension (W/H/D) | 700*1050*200mm |
| Weight Approximate | 145.5kgs |
| Master LED Indicator | 4 LED (SOC:25%~100%) |
| | 2 LED (working, alarming, protecting) |
| Protection Level | IP65 |
| Fire Protection System | Aerosol fire extinguisher |
| WiFi Module | Built-in WiFi Module; APP function |
| Working Temperature | Charge:0°C ~ 55°C Discharge:-20°C ~ 55°C |
| Storage Temperature | 0°C ~ 35°C |
| Humidity | 5%~95% |
| Altitude | ≤2000m |
| Cycle Life (25±2°C,0.5C/0.5C,80%EOL) | ≥10000 |
| Installation | Ground/Outdoor |
| Communication Port | CAN2.0, RS485 |
| Warranty Period [3] | 10 years |
| Certification | UL1973, UN38.3, MSDS |