

GSL ENERGY

Lithium Battery Solar Storage



CERTIFIED
UL1973
IEC62619,CE
UN38.3,MSDS



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 6500 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 163KW with single max module (10.24KWh) at 16pcs 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, IEC62619, CE, UN38.3, MSDS.

Battery Specifications

| Model No | GSL051100A-B-GBP2 | GSL051200A-B-GBP2 |
|--------------------------------------|--|-------------------|
| Nominal Parameters | | |
| Voltage | 51.2V | 51.2V |
| Capacity | 100Ah | 200Ah |
| Energy | 5.12KwH | 10.24KwH |
| Dimensions (L x W x H) | 720 x550 x200mm | 720 x550 x200mm |
| Weight | 60.5kg | 102.5kg |
| Basic Parameters | | |
| Life time(25°C) | 15 years | |
| Life cycles(80% DOD, 25°C) | 6500Cycles | |
| Storage time / temperature | 5 months @ 25°C; 3 months @ 35°C; 1 month @ 45°C | |
| Operation temperature | -20°C to 60°C @60+/-25% Relative Humidity | |
| Storage temperature | 0°C to 45°C @60+/-25% Relative Humidity | |
| Lithium Battery Standard | UL1642,IEC62619,UN38.3,ROHS,CE-EMC | |
| Enclosure protection rating | IP21 | |
| Electrical Parameters | | |
| Operation voltage | 46-56 Vdc | 46-56 Vdc |
| Max.charging voltage | 56 Vdc | 56 Vdc |
| Max.charging and discharging current | 100A | 150A |
| Max Power | 5120W | 7680W |

