

# GSL ENERGY

Much More Than Grade A



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](http://www.gsl-energy.com)

## ✓ Long life and safety

Vertical industry integration ensures more than 8500 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 241.2KWh 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

CB IEC62619, CE, UN38.3, MSDS

## Battery Specifications

Model No GSL-W-16K

### Nominal Parameters

Battery Chemistry LiFePO4

Voltage 51.2V

Capacity 314Ah

Energy 16.08kWh

Dimension (W/H/D) 522.6\*1007\*343mm / 20.6\*39.6\*13.5 in

Weight Approximate 145.5kgs / 320 lbs

### Basic Parameters

Warranty Period [3] 10 years

Cycle Life  
(25±2°C,0.5C/0.5C,80%EOL) ≥8500

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

Certification CB IEC62619, CE, UN38.3, MSDS

IP Rating of Enclosur IP20

### Electrical Parameters

Operation Voltage 46-56Vdc

Max. Charging Voltage 56Vdc

Max. Charging Current 150A

Max. Discharging Current 150A

Max Power 7680W