

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

✓ 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 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

Designed Life

5 years

Cycle Life
(25±2°C,0.5C/0.5C,80%EOL)

6000

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 Enclosure

IP20

Electrical Parameters

Operation Voltage

46-56Vdc

Max. Charging Voltage

56Vdc

Max. Charging Current

150A

Max. Discharging Current

150A

Max Power

7680W

