

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 300KWh with single max module (20.48KWh) 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-20K

Nominal Parameters

Battery Chemistry	LiFePO4
Voltage	51.2V
Capacity	400Ah
Energy	20.48Kwh

Dimension (W/H/D) 650*1005*400mm / 25.9*39.6*15.7 in

Weight Approximate 210.5kgs / 464 lbs

Basic Parameters

Warranty Period [3] 10 years

Cycle Life
(25±2°C,0.5C/0.5C,80%EOL) ≥6500

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

