

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 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 307KWh 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)	1012.00*650.00*400.00mm
Weight Approximate	210.5kgs
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/Communication Port	UN38.3, MSDS, Wifi with APP
Protection Level / Fire Protection	IP65, Aerosol fire extionguisher
Electrical Parameters	
Operation Voltage	46-56Vdc
Max. Charging Voltage	56Vdc
Max. Charging Current	200A
Max. Discharging Current	300A
Max Power	15360W

