



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.
Including WiFi allow for seamless monitoring and management of your energy storage system.

MODULARIZATION

Modular designgives 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 cos
Compact and fashionable design fits in your sweet home environment.

COMPATIBLITY

Compatible with most of the available Hybrid inverters.

SAFETY CERT

CB IEC62619, CE, UN38.3, MSDS

GSL ENERGY
Much More Than Grade A

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Battery Specifications	
Model No	GSL-W-16K
Nominal Parameters	
Battery Chemistry	LiFePO4
Voltage	51.2V
Capacity	314Ah
Energy	16.08kWh
Dimension (W/H/D)	450*859.2*240mm / 20.6*33.8*13.5 in
Weight Approximate	135kgs / 298 lbs
Basic Parameters	
Warranty Period [3]	10 years
Cycle Life (25±2℃,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	IP50
Electrical Parameters	
Operation Voltage	46-56Vdc
Max. Charging Voltage	56Vdc
Max. Charging Current	150A
Max. Discharging Current	150A
Max Power	7680W