



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 20+ countries serving 100,000+ users.

www.gsl-energy.com

✓ Long life and safety

Vertical industry integration ensures more than 6000 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 229KW with single max module (14.33KWh) at 16pcs 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

UL1642, IEC62619, CE, UN38.3, MSDS.

Battery Specifications

Model No	GSL 15000U - 14.33KWH
Nominal Parameters	
Voltage	51.2V
Capacity	280Ah
Energy	14.33 Kwh
Dimensions (L x W x H)	900 x565 x200(220)mm
Weight	102.5kg
Basic Parameters	
Life time(25°C)	20 years
Life cycles(80% DOD, 25°C)	8500 Times
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
Lithium Battery Standard	UL1642,IEC62619,UN38.3,ROHS,CE-EMC
Enclosure protection rating	IP21
Electrical Parameters	
Operation voltage	44-58 Vdc
Max.charging voltage	58 Vdc
Max.charging and discharging current	200A
Max Power	10240W

