



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 140KW with single max module (10.24KWh) at 14pcs 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 5000U - 5KWH	GSL 7000U - 7KWH	GSL 10000U - 10KWH
Nominal Parameters			
Voltage	51.2V	51.2V	51.2V
Capacity	100Ah	150Ah	200Ah
Energy	5.12KwH	7.68KwH	10.24 KwH
Dimensions (L x W x H)	600 x480 x180(220)mm	600 x480 x180(220)mm	600x480x180(220)mm
Weight	48kg	76kg	96kg
Basic Parameters			
Life time(25°C)	10 years		
Life cycles(80% DOD, 25°C)	6000Cycles		
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	44.8-56.5Vdc	44.8-56.5Vdc	44.8-56.5Vdc
Max.charging voltage	56.5Vdc	56.5Vdc	56.5Vdc
Max.charging and discharging current	100A	100A	100A
Max Power	5120W	7680W	10240W

