



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 7.68KW with single max module (107.52KWh) 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 24100U - 2.56KWH	GSL 24200U - 5.12KWH	GSL 24300U - 7.68KWH
Nominal Parameters			
Voltage	25.6V	25.6V	25.6V
Capacity	100Ah	200Ah	300Ah
Energy	2.56Kwh	5.12Kwh	7.68Kwh
Dimensions (L x W x H)	610x440x215(220)mm	610x440x215(220)mm	610x440x215(220)mm
Weight	22.7kg	45.3kg	68.0kg
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	20-29.2 Vdc	20-29.2 Vdc	20-29.2 Vdc
Max.charging voltage	29.2 Vdc	29.2 Vdc	29.2 Vdc
Max.charging and discharging current	100A	100A	100A
Max Power	2560W	5120W	7680W

