



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 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 163KW with single max module (10.24KWh) 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	GSL051100A-B-GBP2	GSL051200A-B-GBP2
Nominal Parameters		
Voltage	51.2V	51.2V
Capacity	100Ah	200Ah
Energy	5.12KwH	10.24KwH
Dimensions (L x W x H)	735 x525 x190mm	735 x525 x190mm
Weight	60.5kg	102.5kg
Basic Parameters		
Life time(25°C)	20 years	
Life cycles(80% DOD, 25°C)	8500Cycles	
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	44-58 Vdc
Max.charging voltage	58 Vdc	58 Vdc
Max.charging and discharging current	150A	150A
Max Power	7680W	7680W

