

# GSL ENERGY

Lithium Battery Solar Storage



**CERTIFIED**  
**UL1973**  
**IEC62619,CE**  
**UN38.3,MSDS**



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](http://www.gsl-energy.com)

## ✓ Long life and safety

Vertical industry integration ensures more than 6500 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.

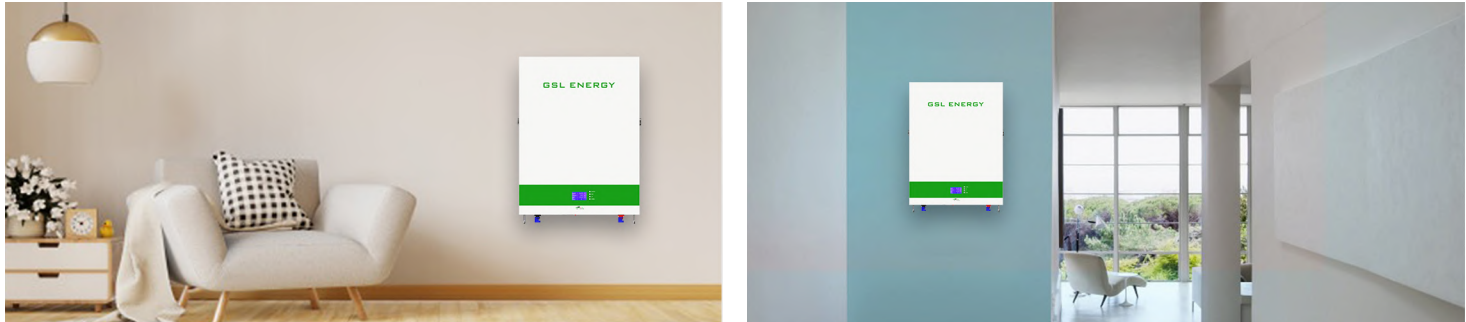
## ✓ Compatibility

Compatible with most of the available Hybrid inverters.

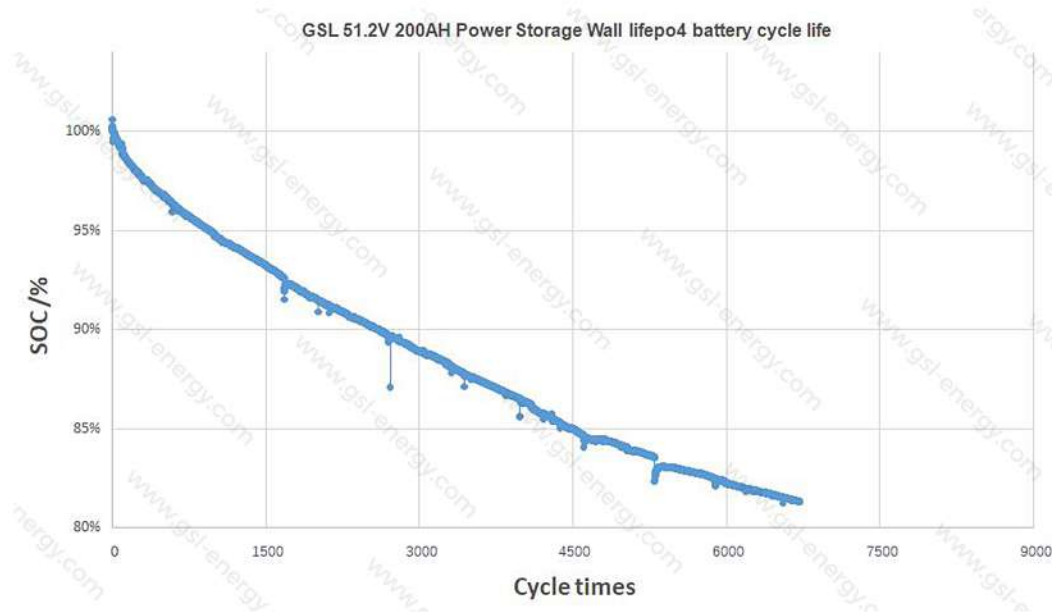
## ✓ Safety Cert

UL1973, 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)	720 x550 x200mm	720 x550 x200mm
Weight	60.5kg	102.5kg
Basic Parameters		
Life time(25°C)	15 years	
Life cycles(80% DOD, 25°C)	6500Cycles	
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	UL1973,IEC62619,UN38.3,ROHS,CE-EMC	
Enclosure protection rating	IP21	
Electrical Parameters		
Operation voltage	46-56 Vdc	46-56 Vdc
Max.charging voltage	56 Vdc	56 Vdc
Max.charging and discharging current	100A	150A
Max Power	5120W	7680W



## LiFePO4 battery with 6500+ cycles



## Match Hybrid Inverters



SOL-ARK



SCHEIDER



SMA



OUTBACK POWER



VICTRON ENERGY



MAGNUM



GROWATT




SOLIS/GINLONG









 8KVA hybrid inverter 10kwh powerwall in Germany




 10KVA single phase inverter 40kwh powerwall in Myanmar




 16KVA hybrid inverter 40kwh powerwall in Jamaica




 5KVA hybrid inverter 20kwh powerwall in Africa




 8KVA split phase inverter 10kwh powerwall in USA




 16KVA hybrid inverter 20kwh powerwall in Spain




 8KVA hybrid inverter 10kwh powerwall in Haiti




 16KVA hybrid inverter 10kwh powerwall in Germany




 12KVA split phase inverter 10kwh powerwall in USA




 48KVA split phase inverter 70kwh powerwall in USA




 8KVA 3phase inverter 10KWH solar system in Switzerland




 16KVA hybrid inverter 40kwh powerwall in Jamaica




 8KVA hybrid inverter 40kwh powerwall in Japan




 15KVA split phase inverter 30kwh powerwall in USA



 10KVA hybrid inverter 20kwh powerwall in Belgium



 10KVA hybrid inverter 40kwh powerwall in Bahamas