

# PRODUCTS CATALOG

## COMPANY PROFILE

As the leading vertically integrated manufacturer of lithium iron phosphate battery systems, GSL ENERGY has provided various lithium 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 wall-mounted lifepo4 battery storage system to more than 138+ countries serving 500,000+ users.

**20  
23**



UL9540A  
UL1973



## 7Kwh BYD BLADE Lifepo4 Battery

### Nominal Parameters

Model No	GSL-7000
Voltage	51.2V
Capacity	138Ah
Energy	7Kwh
Dimensions (LxWxH)	1058x1100x69mm
Weight	89.5kg



UL9540A  
UL1973



## Power Storage Wall 14.34Kwh Home Battery

### Nominal Parameters

Model No	GSL051280A-B-GBP2
Voltage	51.2V
Capacity	280Ah
Energy	14.33Kwh
Dimensions (LxWxH)	900x675x200mm
Weight	128.5kg



## Power Storage Wall 5Kwh 10Kwh Home Battery

### Nominal Parameters

Model No	GSL051100A-B-GBP2	GSL051200A-B-GBP2
Voltage	51.2V	51.2V
Capacity	100Ah	200Ah
Energy	5.12Kwh	10.24Kwh
Dimensions (LxWxH)	615x480x160mm	720x550x200mm
Weight	62.5kg	102.5kg



**MSDS**

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## Power Storage Wall 5Kwh 10Kwh Home Battery

### Nominal Parameters

Model No	GSL051100A-B-GBP2	GSL051200A-B-GBP2
Voltage	51.2V	51.2V
Capacity	100Ah	200Ah
Energy	5.12Kwh	10.24Kwh
Dimensions (LxWxH)	615x480x160mm	720x550x200mm
Weight	62.5kg	102.5kg



## Power Brick 5/10kwh LiFePO4 Battery (latest)

### Nominal Parameters

Model No	GSL5000U-5KWH	GSL10000U-10KWH
Voltage	51.2V	51.2V
Capacity	100Ah	200Ah
Energy	5.12Kwh	10.24Kwh
Dimensions (LxWxH)	580x390x200mm	685x435x231mm
Weight	65kg	100.5kg



## 51.2V Lithium Ion 15K 20K Battery

### Nominal Parameters

Model No	GSL-W-15K	GSL-W-20K
Voltage	51.2V	51.2V
Capacity	300Ah	400Ah
Energy	15.36Kwh	20.48Kwh
Dimensions (LxWxH)	458x385x1220mm	
Weight	160.5kg	210.5kg



## 48V 100Ah Lithium Ion Battery Pack

### Nominal Parameters

Model No	ZN-P48100ESA1
Voltage	48V
Capacity	100Ah
Energy	4.8Kwh
Dimensions (LxWxH)	482x520x132.5mm
Weight	40kg



## Complete Solar Storage Home Appliances Solution

Comprehensive BMS to match all Hybrid Inverters

A maximum of 16 batteries can be parallel-connected

Wide application for solar projects, UPS, 5G Station, Military Projects

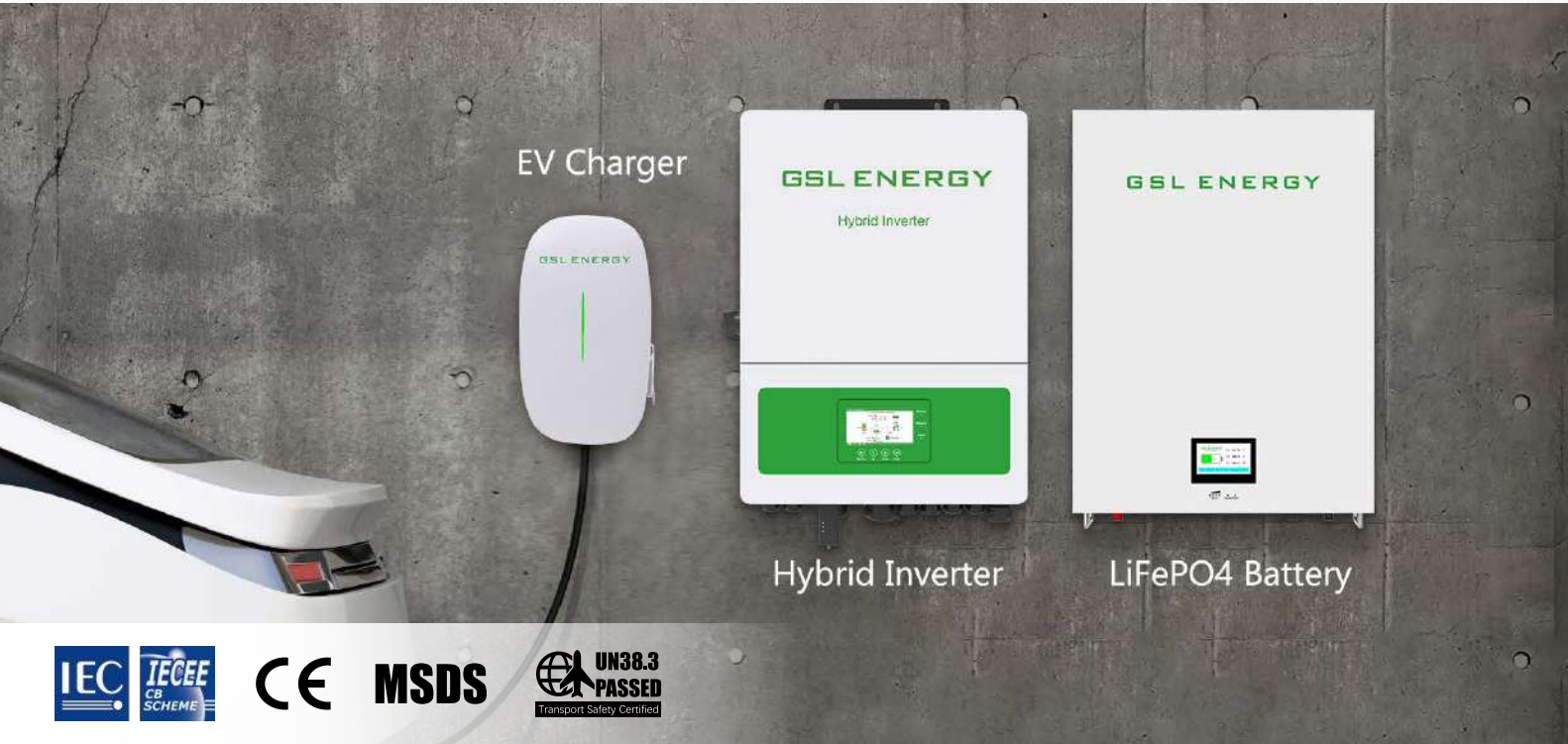


## 51.2V 100Ah 200Ah 280Ah Lithium Ion Battery Pack

### Nominal Parameters

Model No	GSL-51-100	GSL-51-200	GSL-51-280
Voltage	51.2V	51.2V	51.2V
Capacity	100Ah	200Ah	280Ah
Energy	5.12Kwh	10.24Kwh	14.33Kwh
Dimensions (LxWxH)	450x442x221.5mm	720x442x221.5mm	750x442x221.5mm
Weight	50.4kg	98.5kg	134.5kg

# POWER STORAGE INVERTER



## Hybrid 12K US High Performance Inverter

### Nominal Parameters

Model No	GSL-H-12KLV-US
Lifepo4 Battery Voltage	40-60V
Communication	RS485/Wi-Fi/CAN
Max PV Input	18000W
Max AC Output	12000W
Max AC Input	12000W
Nominal AC Voltage	AC 220V Single Phase, 120/240V Split Phase, 120/208V Three Phase
Nominal AC Frequency	50Hz/60Hz
Grid Type	Hybrid, On-Off Grid
Dimensions (WxHxD)	670x490x265mm
Weight	42kg
Safety Regulation	UL 1741
EMC	IEEE1547, FCC, SDOC



# GSL Inverter Solar Power System for Home

**IP65**

**8K** Max 12KVA PV input; 8kva ac input, output; UL approved

**12K** Max 15KVA PV input; 12kva ac input, output; UL approved

12KVA Solar Inverter

8KVA Solar Inverter

## US 5K 8K 48VDC Inverter

### Nominal Parameters

Model No	GSL-H-5KLV-US	GSL-H-8KLV-US
Lifepo4 Battery Voltage	40-60V	
BMS Protocol	Canbus	
Max PV Input	7600W	13000W
Max AC Output	5000W	10000W
Max AC Input	5000W	10000W
Output Frequency And Voltage	50/60Hz; 120-240Vac(Split Phase)	
Grid Type	Hybrid, On-Off Grid	
Dimensions (WxHxD)	430x710x210mm	
Weight	45kg	
Grid Regulation	UL1741,IEEE1547,RULE21,VDE 0126,AS4777,NRS2017,G98,G99	
Safety Regulation	EN61000-6-1, EN61000-6-3, FCC 15 class B	
EMC	IEC62109-1, IEC62109-2	



## GSL Inverter Solar Power System for Home

**IP65**

**8K** Max 12KVA PV input; 8kva ac input, output; UL approved

**12K** Max 15KVA PV input; 12kva ac input, output; UL approved


## 10K 12K HV85-400VDC US Inverter

### Nominal Parameters


Model No	GSL-H-10KHV-US	GSL-H-12KHV-US
Lifepo4 Battery Voltage	85-400V	
BMS Protocol	Canbus	
Max PV Input	13000W	15600W
Max AC Output	10000W	12000W
Max AC Input	10000W	12000W
Output Frequency And Voltage	50/60Hz; 110-120/220-240Vac, Split Phase	
Grid Type	Hybrid, On-Off Grid	
Dimensions (WxHxD)	530x660x200mm	
Weight	32.5kg	
Grid Regulation	UL1741,IEEE1547,RULE21,VDE	
Safety Regulation	UL1741SA all options, UL1699B, CSA 22.2	
EMC	FCC Part 15 ClassB	

# GSL PROJECT CASES




 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 Italy




 16KVA hybrid inverter 20kwh powerwall in Spain




 8KVA hybrid inverter 10kwh powerwall in Haiti




 16KVA hybrid inverter 10kwh powerwall in Germany




 15KVA split phase inverter 30kwh powerwall in Italy




 6KVA split phase inverter 10kwh powerwall in Italy




 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 Italy



 10KVA hybrid inverter 20kwh powerwall in Belgium



 10KVA hybrid inverter 40kwh powerwall in Bahamas

# GSL FACTORY DISPLAY



# 2023

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