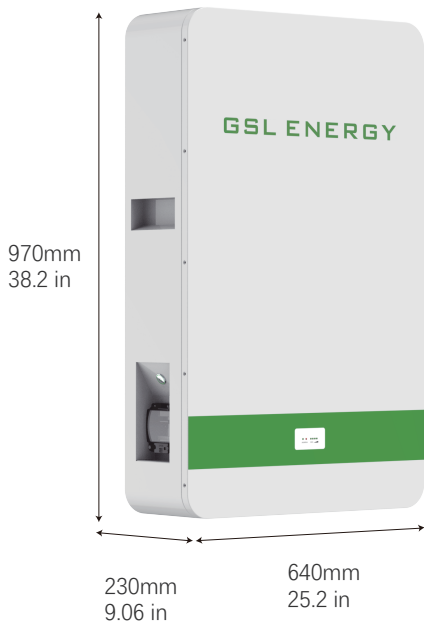




## Powerwall — LiFePo4 Battery

- ✓ **14.34KWH**
- ✓ **51.2V 280Ah**
- ✓ **IP65**
- ✓ **WiFi**



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 8500 cycles with 80% DoD.  
Safe Lithium iron phosphate battery cell.

### ✓ Smart APP Monitoring

Real-time monitoring & Remote upgrade.

### ✓ Modularization

Modular design gives the end customers the power of choice of capacity. Deliver up to 229KW with single max module (14.34kWh) 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

UL9540A, UL9540, UL1973, CB-IEC62619, CE-EMC, UN38.3, MSDS

## Battery Specifications

Model No.

GSL-051280A-B-GBP2

### Nominal Parameters

Cell Type	LiFePo4	
Rated Voltage	51.2V	
Operating Voltage	46-56V	
Capacity	280Ah	
Energy	14.34kWh	
Usable Energy	12.91kWh	
Scalability	Max.16pcs in parallel (229kWh)	
Charge/Discharge Current	Recommend	100A
	Max. duration	150A
	Peak(2min, 25°C)	200A

### Basic Parameters

Recommend Depth of Discharge	80% DOD
Dimension (W/H/D)	970*640*230mm / 38.2*25.2*9.06 in
Weight Approximate	128.5kgs / 283 lbs
Master LED Indicator	4 LED (SOC:25%~100%)
	2 LED (Run, Alarming / protecting)
IP Rating of Enclosur	IP65
Working Temperature	Charge: 0 ~ 55°C; Discharge:-20 ~ 55°C
Storage Temperature	0°C ~ 35°C
Humidity	5%~95%
Altitude	≤2000m
Cycle Life	≥8500 (25±2°C,0.5C/0.5C,80%EOL)
Installation	Wallmounted
Communication Port	CAN2.0, RS485, WIFI
Warranty Period	10 years
Certification	UL9540A, UL9540, UL1973, CB-IEC62619, CE-EMC, UN38.3, MSDS