

# GSL ENERGY

Much More Than Grade A



**10.49kWh 51.2V 205Ah**  
**LFP Battery**

Floor standing | Rack-mounted  
Stackable | Wall-mounted

## Features

### ✔ Touch Display

Built-in touch display for real-time battery status & data visualization, supporting parameter setting and protocol customization.

### ✔ Safe and Reliable

Featuring built-in fire suppression and LiFePO<sub>4</sub> chemistry, this battery delivers enhanced safety, long cycle life, and ultra-low self-discharge (up to 6 months on shelf without recharging). With no memory effect and excellent deep charge/discharge performance, it offers worry-free operation for both residential and commercial use.

### ✔ Intelligent BMS

It has protection functions including over-discharge, over-charge, over-current and over-high or low temperature. The system can automatically manage charge and discharge state and balance current and voltage of each cell.

### ✔ Smart Connectivity

Equipped with both WiFi and Bluetooth for remote monitoring, real-time data access, and seamless integration with smart home energy management systems.

### ✔ 4-in-1 Versatile Installation

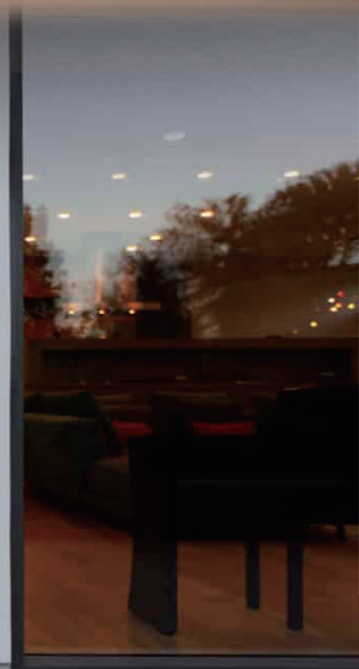
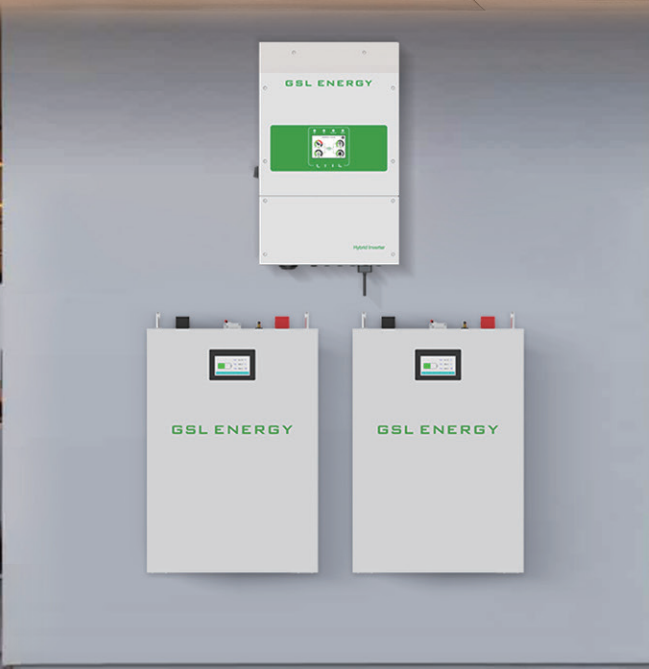
Supports floor standing, rack-mounted, stackable, or wall-mounted. Modular design gives the end customers the power of choice of capacity Deliver up to 157.35kWh with single max module (10.49kWh) at 15pcs parallel connection.

### ✔ Compatibility

Working temperature range is from -20°C to 55°C, with excellent discharge performance and cycle life.

Battery module auto networking (No DIP switch code), easy maintenance.

# Floor standing

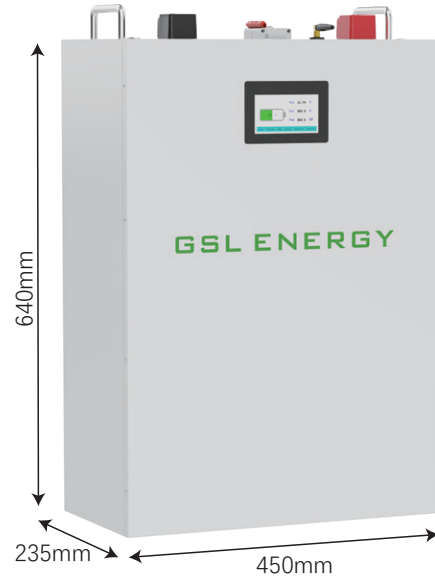


# Wall-mount



# Stackable

## Home Energy Storage Lithium Ion Battery



Main Parameter		GSL-B51-205
Battery Chemistry		LiFePO4
Capacity (Ah)		205
Scalability		Max.16pcs in parallel (157.35kWh)
Nominal Voltage (V)		51.2
Operating Voltage (V)		46-56
Energy (kWh)		10.49
Usable Energy (kWh)		9.44
Charge/Discharge Continue Current (A)	Recommend	100
	Max.	150
Other Parameter		
Recommend Depth of Discharge		80%
Dimension (W/H/D,mm)		450*640*235
Weight Approximate (kg)		89.5
Master LED indicator		4LED (SOC:25%~100%)
		2LED (working, alarming, protecting)
IP Rating of enclosure		IP50
Working Temperature		Charge:0°C ~ 55°C Discharge:-20°C ~ 55°C
Storage Temperature		0°C ~ 35°C
Humidity		5%~95%
Altitude		≤2000m
Cycle Life (25±2°C, 0.5C/0.5C, 80%EOL)		≥6500
Installation		Floor standing, Rack-mounted, Stackable, Wall-mounted
Communication Port		WIFI, CAN, RS485, Display screen
Warranty Period		5 years
Certification		CE-EMC, MSDS, UN38.3