

# GSL ENERGY

Much More Than Grade A



## HESS5K10 HESS5K20

Solar Storage System



### 🛡️ Long life and safety

Vertical industry integration ensures more than 6500 cycles with 80% DoD.

### 🌐 Easy to upscale

The system allows for parallel connection of up to 9 batteries, providing a maximum capacity of 45kWh.

### 🔌 Easy to install and use

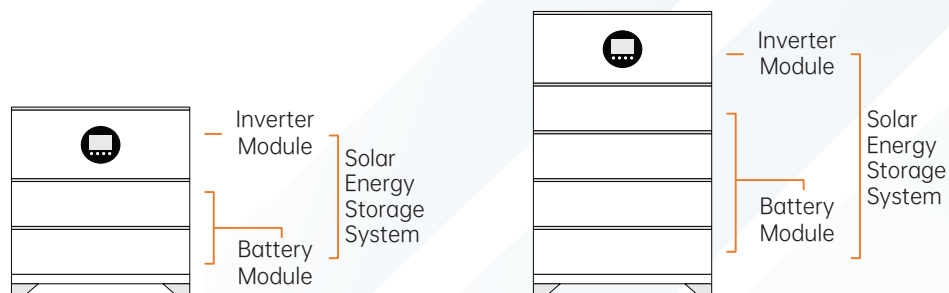
The system offers various charging methods, including solar power, commercial power, or a combination of both.

### 🔧 Convenient installation

Integrated inverter design, easy to use and quick to install. Plug-and-play, eliminate the clutter of wires

# GSL-HESS-5K10

# GSL-HESS-5K20



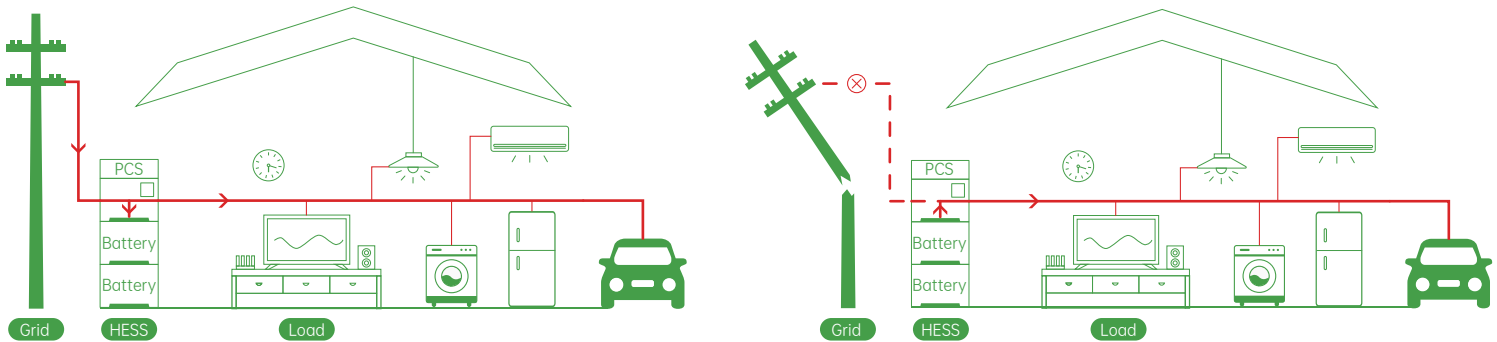
1 INV 5kW  
2 BAT 10.24kWh

1 INV 5kW  
4 BAT 20.48kWh

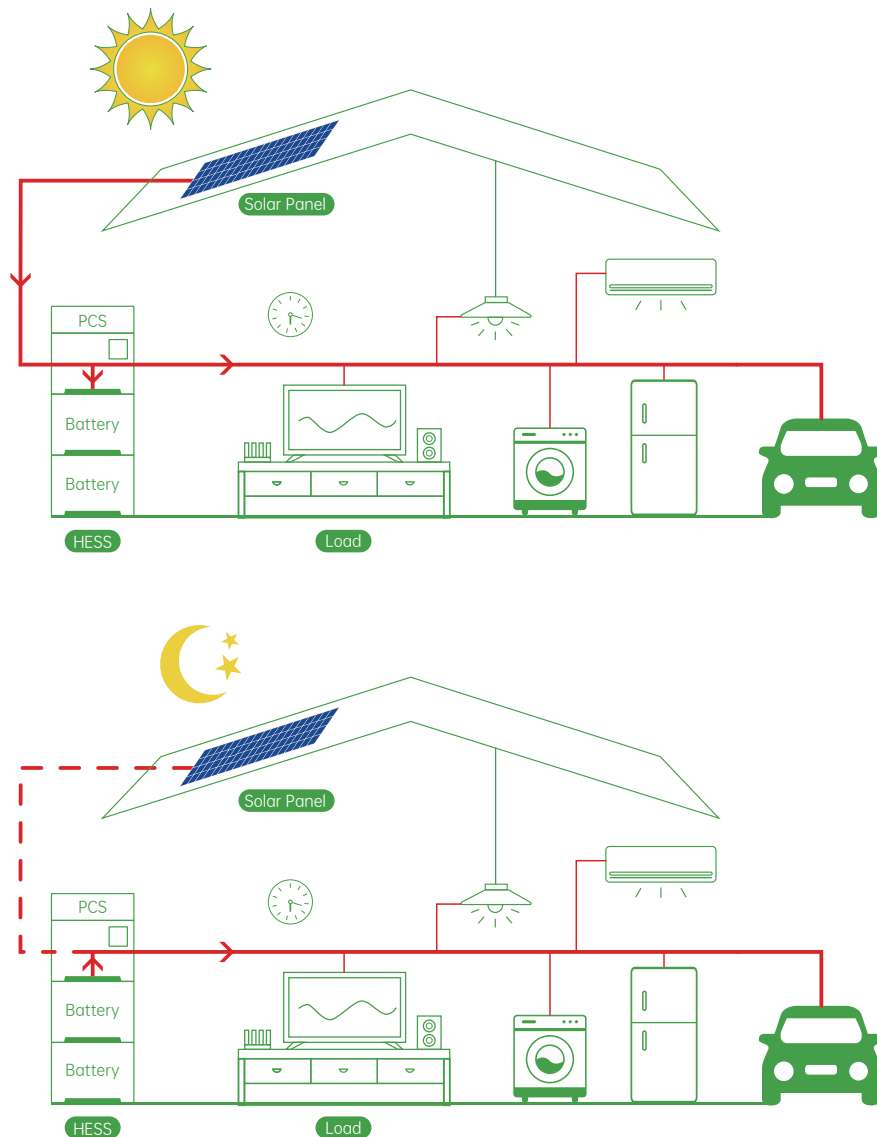
Module	GSL-HESS-5K10	GSL-HESS-5K20
Battery Main Info		
Battery Type	LFP	
Battery Power	10.24kWh	20.48kWh
Number of Batteries	2	4
Battery Voltage	51.2V	
Rated Capacity	200Ah	400Ah
Standard Charge Current	100A	100A
Max. Charge Current	100A	100A
Cycling Lifespan	6500 (80%DOD,0.5C,25°C)	
Max. Parallel Capacity	9 units (up to 46.08kWh)	
General		
Dimension (W*D*H)	655*353*205mm	
Weight	46kg	
Protection Degree	IP20	
Standard		
Transportation	UN38.3, MSDS	
Safety	IEC62619, UL1973, IEC61000-6:2019, RoHS	
Output		
Rated Output Power	5,000W	
Max. Peak Power	10,000VA	
Load Capacity of Motor	4PH	
Wave Form	Pure Sine Wave	
Rated Frequency	50Hz/60Hz	
Rated Output Voltage	230Vac (single phase)	
Solar Input		
Solar Charge Type	MPPT	
Max. Output Power	5,500W	
Max. Solar Open Circuit Voltage	500Vdc	
Grid/Generator Input		
Input Voltage Range	90~280Vac	
Bypass Overload Current	40A	
Battery Charging		
Max. Solar Charging Current	100A	
Max. Grid/Generator Charging Current	60A	
General		
Dimension (W*D*H)	655*353*210mm	
Weight	19.6kg	
Protection Degree	IP20	
Cooling Mode	Natural cooling	
Standard		
Safety	EN61000, C2 , CE(EN62109-1)	

# Classic working mode

## Without PV Panel



## Without Grid



# Classic working mode

## Complete system

