

GSL ENERGY

Much More Than Grade A



HESS5K10-EU HESS5K20-EU

Solar Storage System



🛡️ Long life and safety

Vertical industry integration ensures more than 6000 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

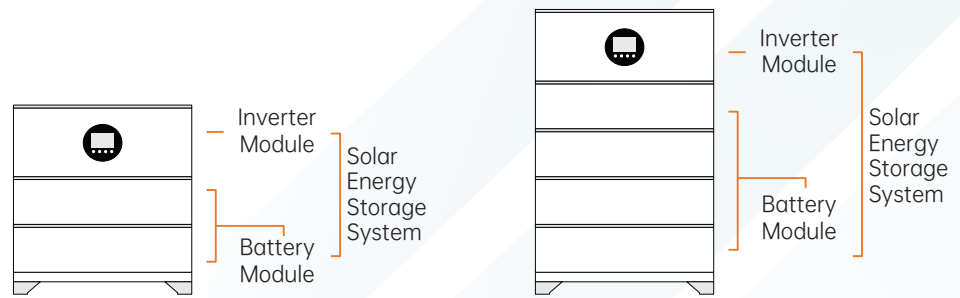
The system offers various charging methods, including solar power, commercial power, or a combination of both.

🔧 Convenient installation

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

GSL-HESS-5K10-EU

GSL-HESS-5K20-EU



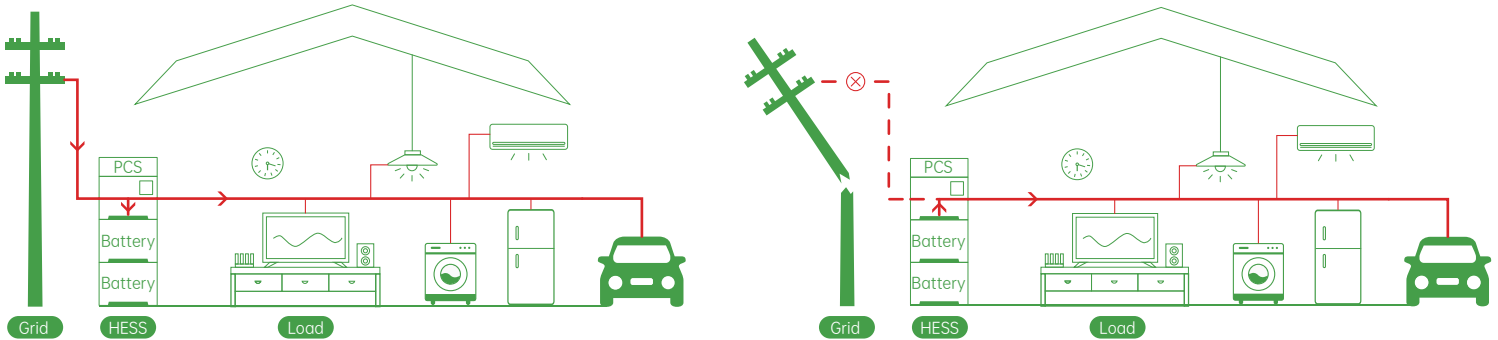
1 INV 5kW
2 BAT 10.24kWh

1 INV 5kW
4 BAT 20.48kWh

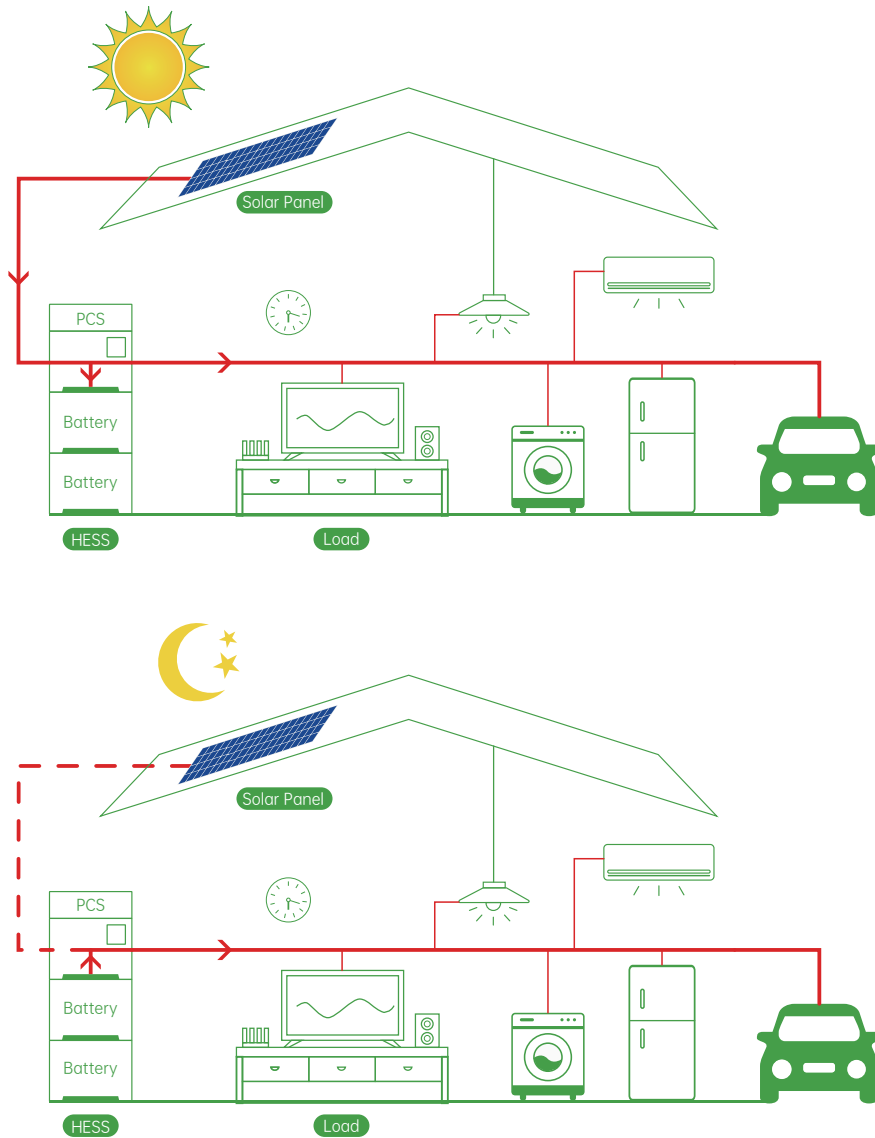
Module	GSL-HESS-5K10-EU	GSL-HESS-5K20-EU
Battery Main Info		
Battery Type		LFP
Battery Power	10.24kWh	20.48kWh
Number of Batteries	2	4
Battery Voltage		51.2V
Rated Capacity	200Ah	400Ah
Standard Charge Current	100A	100A
Max. Charge Current	100A	100A
Cycling Lifespan		6500 (80%DOD,0.5C,25°C)
Max. Parallel 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

