



Residential ESS Battery Cabinet

GSL51250 /GSL512100 /GSL512280

Modular high-voltage battery for residential ESS



Reliability

Advanced lithium iron phosphate technology
First class battery control system



Flexibility

Modular structure which can form varieties of energy levels
Convenient to maintain



Easy installation

Modular design, fast transportation and installation
Easy to use



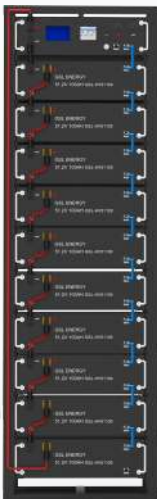
Comprehensive service

Ten years warranty
One stop service

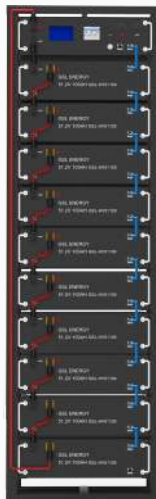


Excellent design

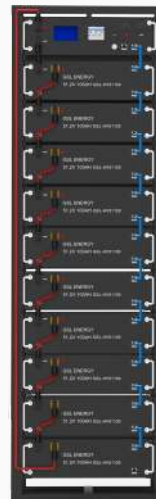
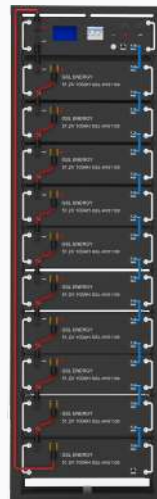
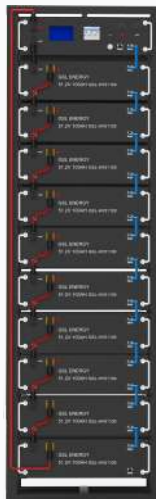
Top level electric and structure design
Silence enjoyment



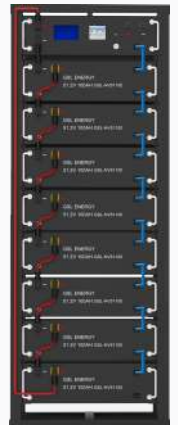
50kwh

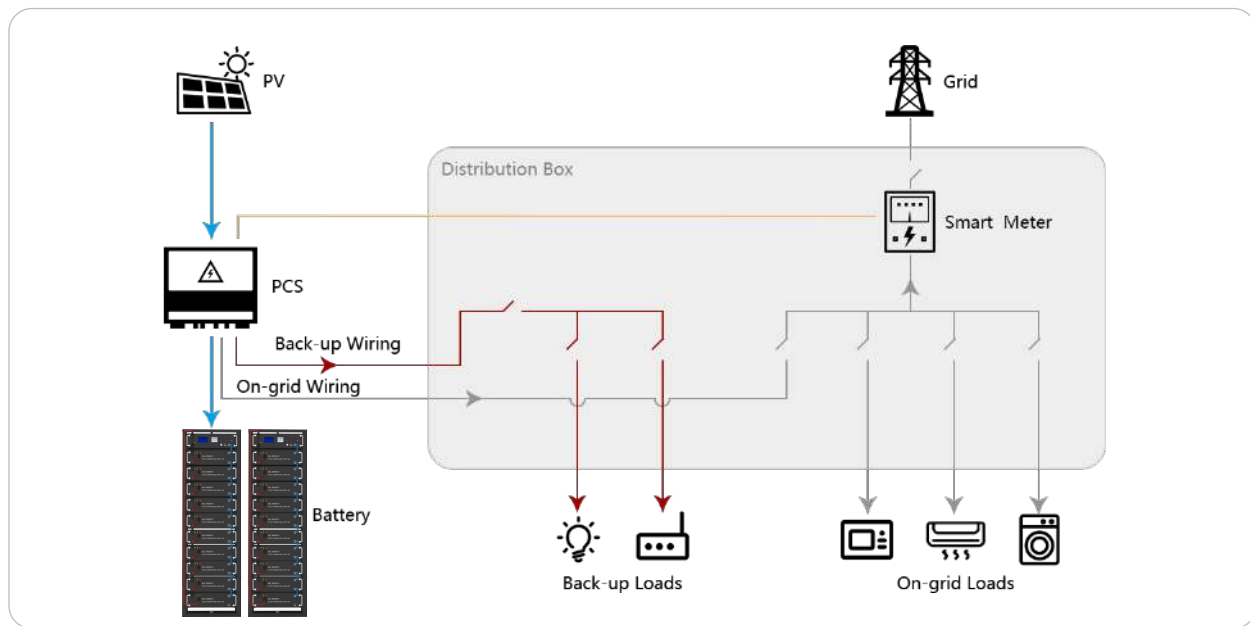


100kwh



143kwh





Model	GSL51250	GSL512100	GSL512280
Battery Type	LiFePO4		
Battery Cabinet Configuration	10	20	28
Nominal Voltage	512V		
Nominal Capacity	100Ah		
Nominal Total Energy	50kWh	100kWh	143kWh
Electrical Parameters			
Voltage Range	460~560V		
Standard Charging Current	50A	100A	140A
Max.Charging Current	100A	200A	280A
Standard Discharge Current	50A	100A	140A
Max.Discharging Current	100A	200A	280A
Mechanical Parameters			
Net Weight	~520.5kg	~1041kg	~1950kg
Dimension (W*D*H)	1980*480*550 mm	1980*480*550 mm*2	1156*755*1821 mm
Ingress Protection	IP54		
Cooling	Natural Cooling		
Operation Condition			
Environment Temperature	Charge: 0~45°C / Discharge: -20~55°C		
Storage Temperature Range	<12 months : -10~35°C / <3 months: -10~45°C / <7 day : -20~65°C		
Altitude	< 2000m		
Mounting Type	Floor-mounted		
Design Life	10 years		

If the size and parameters of the product are changed, the latest information will prevail without further notice.