GSB-10
GSB-20

GSB Series

Design Standards

GSB® is a new range of secure integrated hybrid power station. With diesel generator, solar power, battery storage and hybrid solar Inverter in one secure unit.
GSB® is mainly developed for residents Power, Reduce the dependence on Main Power and decrease the consumption cost.

Benefits

- Integrated installation, convenient storage and transportation;
- High return on investment and quick return;
- Simple operation and easy maintenance;
- Power and Capacity can be expanded, meet different user needs;
- Seamless changeover between the power sources;

Warranty

Please contact the sales and check the warranty manual;



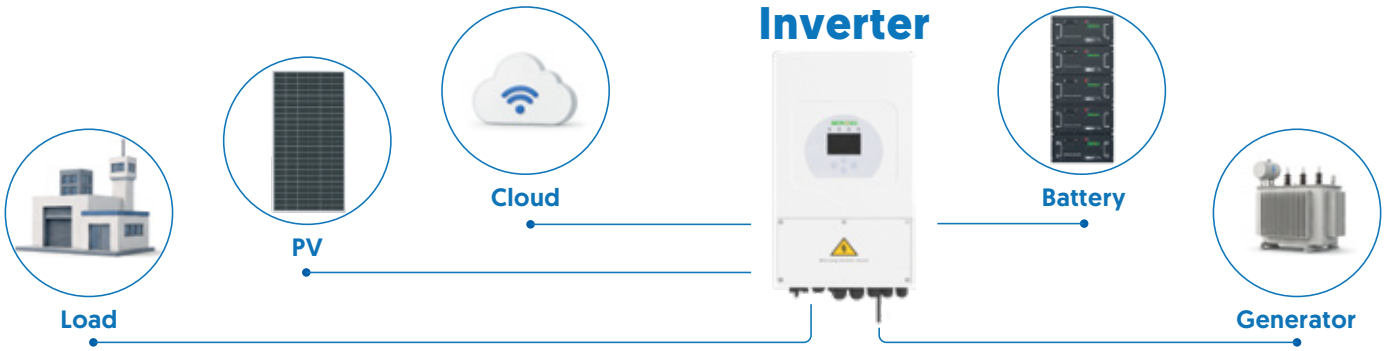
General Information		GSB-10	GSB-20
System Rated Output Power		10kVA	20kVA
Rated Power Factor		0.8 lagging	
Rated Output Voltage		380V@50Hz/60Hz, 3ph.4W (400V & 415V available)	
Min. Battery Storage Capacity		20.4kWh	41.0kWh
Max. Battery Storage Capacity		41.0kWh	
Max. Solar Power		2375Wp	
Output	Terminals	Copper Busbar	
	Sockets	MAX. 4 Sockets available	
Expand Dimension (W'D'H)		2950*5500*3350mm	
Loading Dimension (W'D'H)		2950*1150*2250mm	
Net. Weight		2380kg	2600kg
Loading Capacity	20'GP	4 units	
	40'HC	8 units	
Discharge Temperature Range		-20°C~50°C	

ISO 9001:2015 ilac-MRA CE

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Generator Set	GSB-10	GSB-20
Prime Power	10kVA	20kVA
Engine to Ref.	KUBOTA / YANMAR / PERKINS	
Fuel Tank Capacity	100L (Bunded)	
Solar Panel		
Maximum Power	475Wp*5pcs	
PV Cell Style	HJT	
Energy Storage Battery		
Cell Type	LFP ($LiFePO_4$)	
Pack Model	MF51100	
Pack Capacity	5.12kWh	
Rack Voltage	51.2Vdc	
Rated Cycle Life	≥4000 (80% DOD)	
Hybrid Inverter System		
Solar Input (MPPT)	Max. 13kWp DC (MC4 connectors)	Max. 26kWp DC (MC4 connectors)
AC Input / Output	3P+N+PE / 3P+N+PE	
Peak Output Power	10kVA (0.8leading~0.8lagging)	20kVA (0.8leading~0.8lagging)



Power Priority	Highest	Secondary	Back Up
	PV	Battery	Generator
Functions	Take load/charge	Take load	Take load/charge





1 SOLAR PANEL
MAX.POWER: 2375W
With HIGH EFFICIENCY UP TO 21%~!!
Fits the practical application &
guaranteed by high-quality
manufacturing technology



2 GENERATOR
MAX. POWER: 17kW
With LOW CONSUMPTION



3 INTELLIGENT INVERTER
ONE PIECE FOR
SOLAR & BATTERY &
GRID & GENERATOR