GSB-30
GSB-50

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;

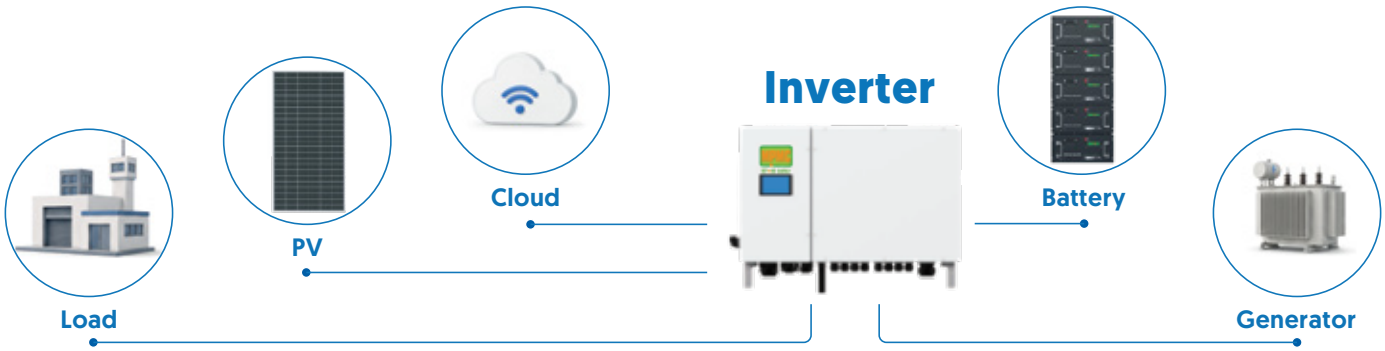


General Specification		GSB-30	GSB-50
System Rated Output Power		30kVA	50kVA
Rated Power Factor		0.8 lagging	
Rated Output Voltage		380V@50Hz/60Hz, 3ph.4W (400V & 415V available)	
Min. Battery Storage Capacity		62.67kWh	112kWh
Max. Battery Storage Capacity		62.67kWh	112kWh
Max. Solar Power		2375Wp	
Output	Terminals	Copper Busbar	
	Sockets	MAX. 4 Sockets available	
Expand Dimension (W'D'H)		3350*5500*3350mm	3980*5500*3350mm
Loading Dimension (W'D'H)		3350*1150*2250mm	3980*1680*2250mm
Net. Weight		2900kg	4060kg
Loading Capacity	20'GP	2 units	1 units
	40'HC	6 units	3 units
Discharge Temperature Range		-20°C~50°C	

ISO 9001:2015 ilac-MRA CE



Generator Set	GSB-30	GSB-50
Prime Power	30kVA	50kVA
Engine to Ref.	KUBOTA / YANMAR / YANMAR (EU S5)	PERKINS (*EU S5 only) / CUMMINS
Fuel Tank Capacity	180L (Bunded)	350L (Bunded)
Solar Panel		
Maximum Power	475Wp*5pcs	
PV Cell Style	HJT	
Energy Storage Battery		
Cell Type	LFP ($LiFePO_4$)	
Pack Model	MF154102HV	MF51314
Pack Capacity	15.667kWh	16.077kWh
Rack Voltage	614.4Vdc	358Vdc
Rated Cycle Life	≥6000 (80% DOD)	≥4000 (80% DOD)
Hybrid Inverter System		
Solar Input (MPPT)	Max. 60kWp DC (MC4 connectors)	Max. 75kWp DC (MC4 connectors)
AC Input / Output	3P+N+PE	3P+N+PE/3P+N+PE
Peak Output Power	60kVA (0.8leading~0.8lagging)	100kVA (0.8leading~0.8lagging)



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

aksa BESS





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



2 GENERATOR: 44kW
With LOW CONSUMPTION



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



GSBⓐ is a secure hybrid power station that integrates a diesel generator, solar energy, battery storage, and a hybrid solar inverter into a single unit. Engineered primarily for residential power supply, it helps cut electricity expenses while reducing reliance on the main grid.