

## MODEL : GSB-45-25

### HYBRID GENERATOR SET



#### Design Standards

GSB® is a new range of secure integrated hybrid power station. With diesel genset, 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

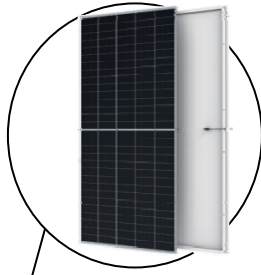
- Integrated installation, convenient storage and transportation;
- High return on investment and quick return;
- Simple operation and easy maintenance;
- Power and Capacity can be expanded, meet different user needs;
- Accept customer customization, suitable for various scenarios;



#### General Specification

Model	GSB-45-25
Rated Output Power	30 kW (Generator) & 15 kW (Battery)
Rated Output Voltage	220V@50Hz,1ph.
Fuel Tank Capacity	200 liters
Battery Storage Capacity	25 kWh
Max.Battery Storage Capacity	25 kWh
Expand Dimension(W*H*D)	4900*6285*3150mm
Loading Dimension(W*H*D)	2950*2280*2250mm
Weight	3150kg
Loading Capacity of 40'HC	4 units
Operating Temperature Range	-15~50°C

# MPMC BEYOND ENERGY



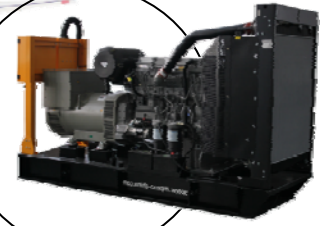
**SOLAR PANEL**

MAX.POWER:

**4150<sub>W</sub>**

With **HIGH EFFICIENCY**

**UP TO 22%~!!**



**DIESEL GENERATOR**

RATED POWER: 32kW

With **LOW CONSUMPTION**

**DOWN TO 9 L/H~!!**



**INTELLIGENT INVERTER**

ONE PIECE FOR  
**SOLAR & BATTERY**  
& **DIESEL**  
**GENERATOR**

Fits the practical application & guaranteed by high-quality manufacturing technology



### Diesel Generator Set

Prime Power	32 kW
Fuel Consumption	9 L/h@100% load
Time for Charger	1 hours
Full Tank Output Power	688 kWh (Max.)
Fuel Type	Diesel/Gasoline/Gas
Base Functions	Automatic Start-up / Alarm / Automatic Stop / Emergency Stop / Load Management

### Solar Panel

Maximum Power	415W
Power Tolerance	0~+5W
Max-Power Voltage (Vm)	38.5VDC
Max-Power Current (Im)	8.45A
Qty.	10pcs

### Energy storage battery

Type	LFP(LiFePO4)
Rated Capacity	5 kWh
Rated Voltage	51.2 VDC
Discharge Depth	90%
Charger/Discharger Current	97.7 A(1.0C)
System Capacity	25 kWh
System MAX. Capacity	25 kWh

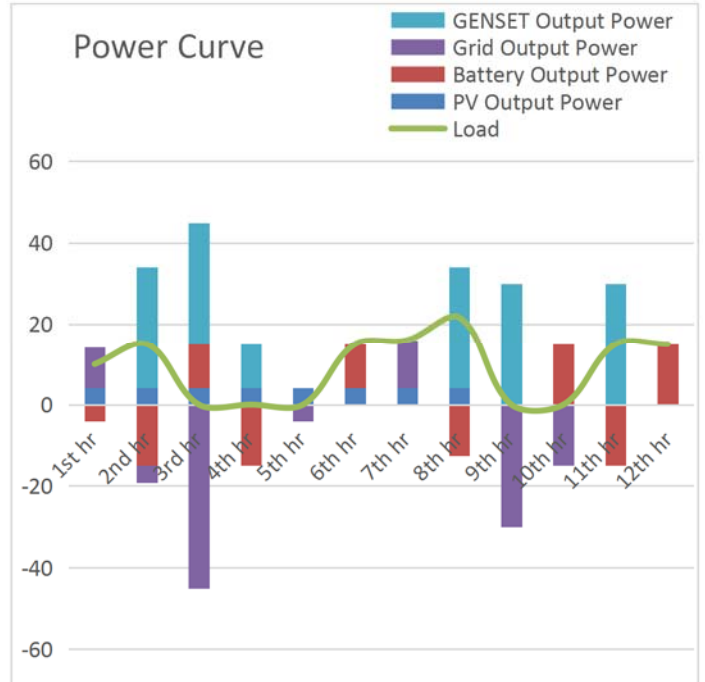
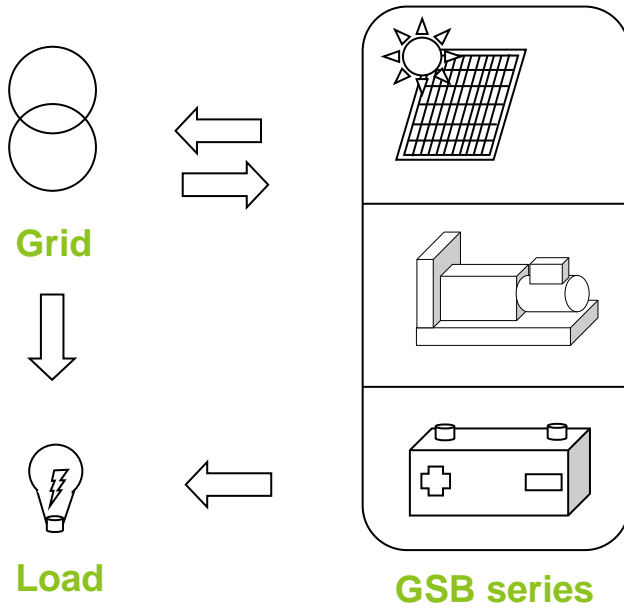
### Cooling System

Exhaust Air Volume	492CFM
Rated Power	48W
Rated Voltage	48VDC
Max. Noise Level	68dB(A)
Qty	2pcs

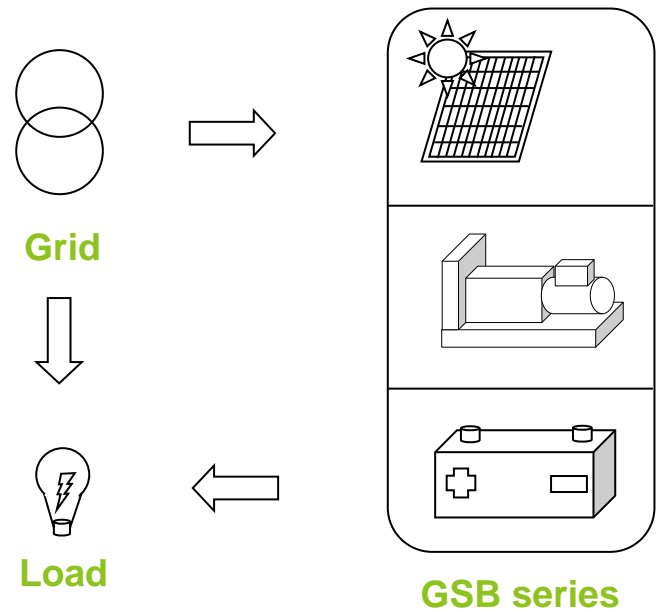
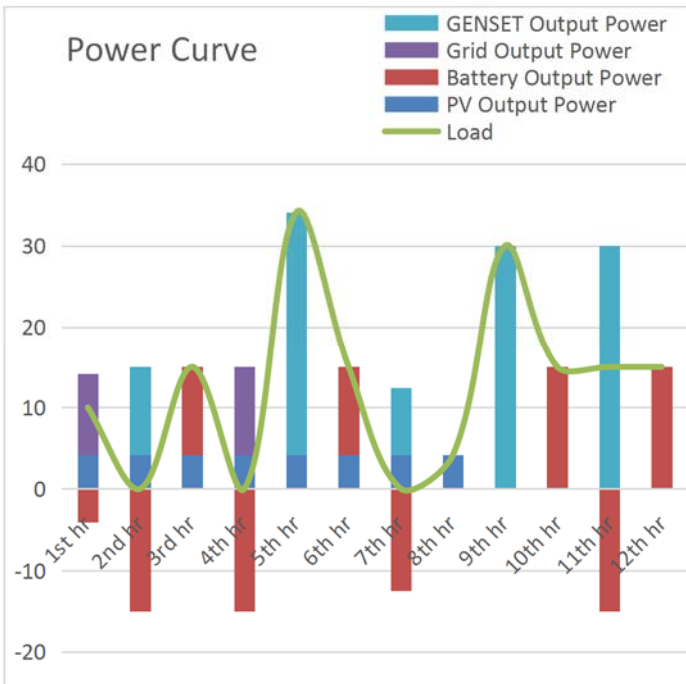
### Integrated Solar Power Inverter System

Max. Solar Charger Current	144 A
AC Input Voltage Range	170~280Vac
Max. AC Charger Current	88 A
Max.Conversion Efficiency	91%
Rated Output Power	15kW

## On-Grid Module



## Off-Grid Module



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