

## MODEL : GSB-30 HYBRID POWER STATION



### 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

Battery Performance: Throughout 1.6MWh/kWh or 3 years after manufacture;  
Generator: 24 months after manufacture or 1500 hours running time;



LABORATORY ACCREDITATION CERTIFICATE

Certificate of the World Manufacturer Identifier Code

### General Specification

System Rated Output Power	30 kVA	
Rated Power Factor	0.8 lagging	
Rated Output Voltage	380V@50Hz/60Hz,3ph.4W (400V & 415V available)	
Min.Battery Storage Capacity	80.4kWh	
Max.Battery Storage Capacity	112kWh	
Max.Solar Power	2375Wp	
Output	Terminals	Copper Bubar
	Sockets	MAX. 4 Sockets available
Expand Dimension(W*D*H)	3980*5500*3350mm	
Loading Dimension(W*D*H)	3980*1680*2250mm	
Net.Weight	4000kg	
Loading Capacity	20'GP	1 units
	40'HC	3 units
Discharge Temperature Range	-20°C~50°C	

## SOLAR PANEL

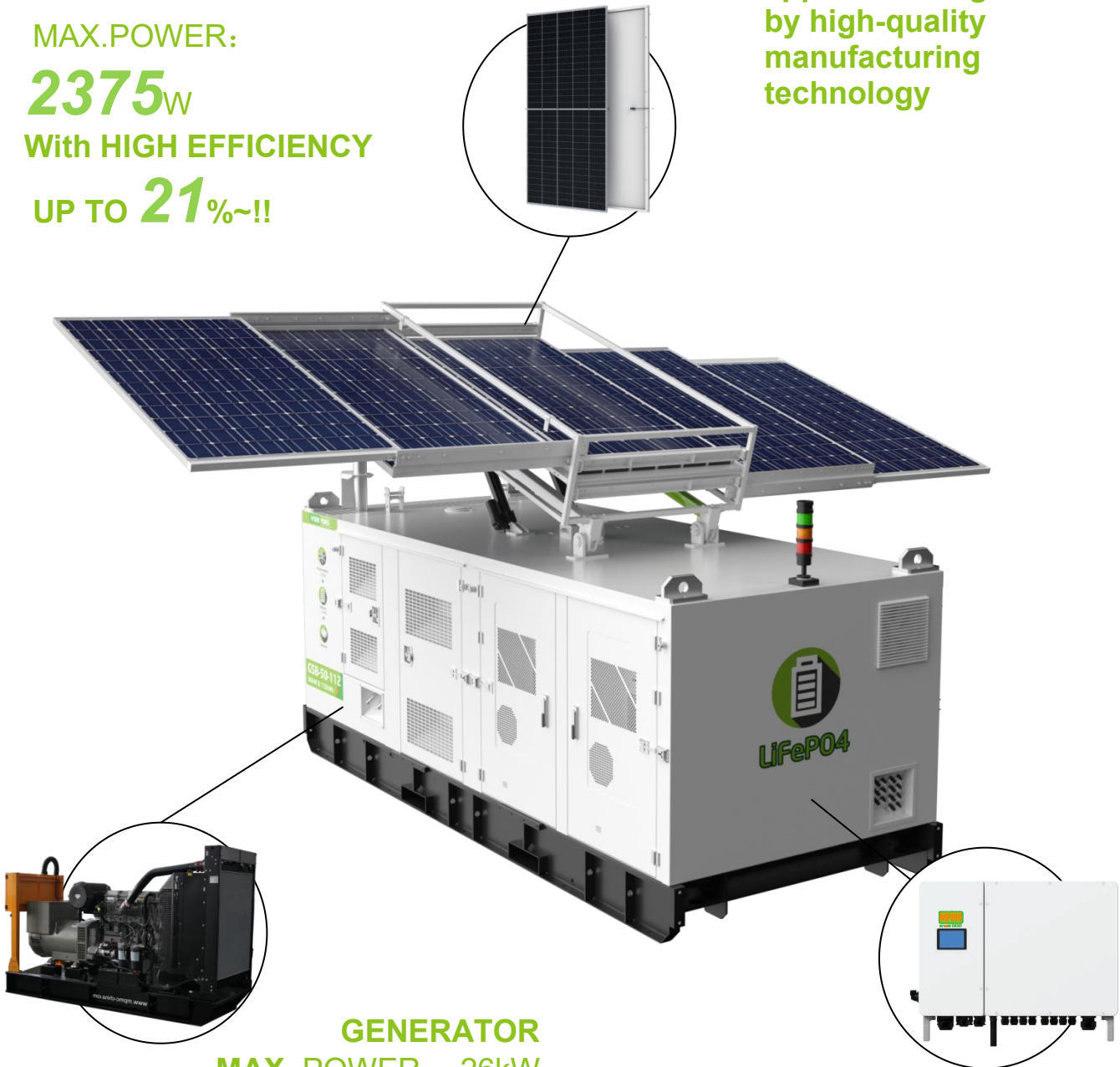
MAX. POWER:

**2375<sub>W</sub>**

With HIGH EFFICIENCY

UP TO **21%~!!**

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



## GENERATOR

MAX. POWER: 26kW

With LOW CONSUMPTION

## INTELLIGENT INVERTER

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

## Generator Set

Prime Power	30kVA
Engine to Ref.	KUBOTA / YANMAR / YANMAR (EU S5)
Fuel Tank Capacity	350 L (Bunded)

## Solar Panel

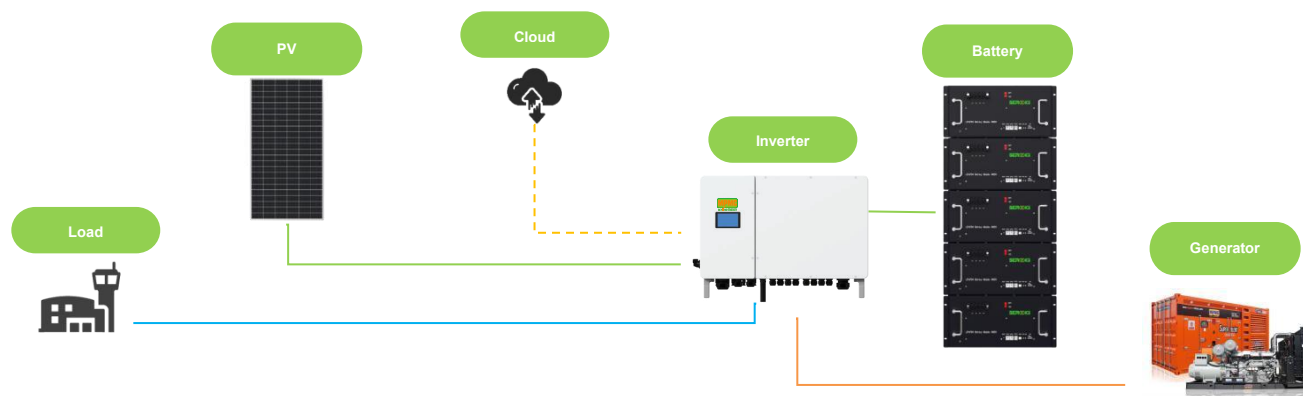
Maximum Power	475Wp*5pcs
PV Cell Style	HJT

## Energy Storage Battery

Cell Type	LFP(LiFePO4)
Pack Model	MF51314
Pack Capacity	16.077 kWh
Rack Voltage	256Vdc / 358Vdc
Rated Cycle Life	≥4000 (80% DOD)

## Hybrid Inverter System

Solar Input(MPPT)	Max. 60kWp DC(MC4 connectors)
AC Input / Output	3P+N+PE / 3P+N+PE
Peak Output Power	60kVA(0.8leading~0.8lagging)



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



### MPMC POWERTECH CORP.

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