

## MODEL : GB-30S

### HYBRID POWER STATION



#### Design Standards

GB® is a new range of secure integrated hybrid power station. With diesel generator, Battery storage and Hybrid solar Inverter in one secure unit for option.

GB® is mainly developed for lower emission, 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: 4000 cycles(80% DOD) or 2 years after manufacture;
- Generator: 18 months after manufacture or 1500 hours running time;



ISO9001:2015  
Quality system certified



ISO14001  
System certified



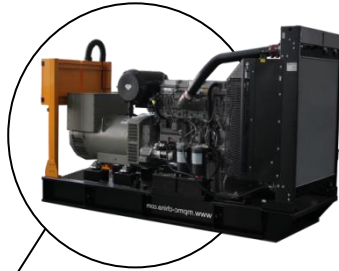
OHSAS18001  
System certified



CE certified

#### General Specification

System Rated Output Power		30 kVA
Rated Power Factor		1.0
Rated Output Voltage		208V @50Hz/60Hz, 1ph. (220V ~ 240V available)
Min.Battery Storage Capacity		30 kWh
Max.Battery Storage Capacity		60 kWh
Output	Terminals	Copper Busbar
	Sockets	MAX. 4 Sockets available
Expand Dimension(W*D*H)		3250*1150*1600mm
Loading Dimension(W*D*H)		3250*1150*1600mm
Net.Weight		2800kg
Loading Capacity	20'GP	2 units
	40'HC	6 units
Discharge Temperature Range		-20°C~50°C



**GENERATOR**  
**MAX. POWER: 30kW**

**With LOW CONSUMPTION**



**HIGH STRENGTH**  
**METAL FRAME**

**COFFIDENCE IN**  
**FACING WIND & RAIN**  
**& SNOW**

**INTELLIGENT INVERTER**

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

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



## Generator Set

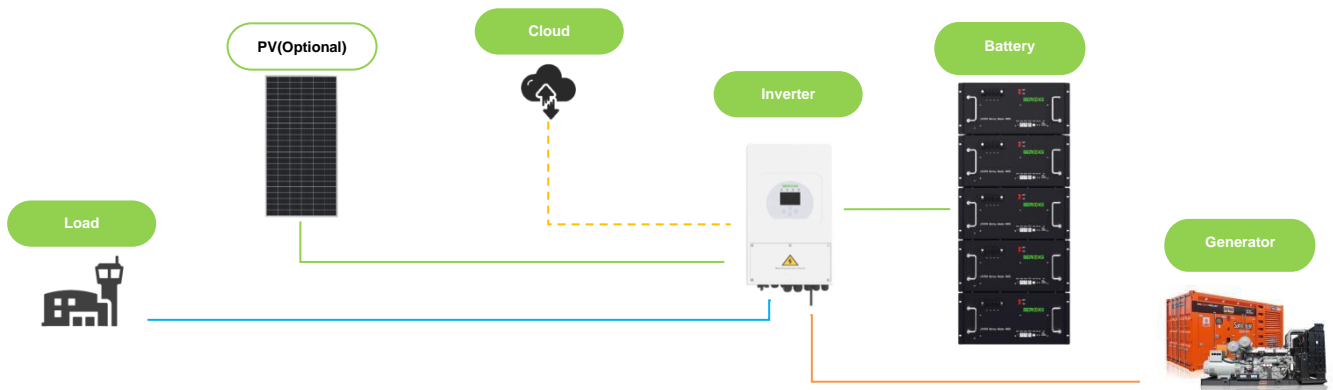
Prime Power	30 kVA
Engine to Ref.	YANMAR / PERKINS / KUBOTA
Fuel Tank Capacity	200 L (Bunded)

## Energy Storage Battery

Cell Type	LFP(LiFePO4)
Pack Model	MF51100
Pack Capacity	5.12 kWh
Rack Voltage	51.2Vdc
Rated Cycle Life	≥4000 ( 80% DOD )

## Hybrid Inverter System

Solar Input (Reserve)	MPPT*6 , 41.6 kWp Allowed
AC Voltage Range	208~240Vac
Rated Output Power	32 kVA(0.8leading~0.8lagging)



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



MPMC USA



MPMC UAE



MPMC ZA



MPMC CN

### MPMC POWERTECH CORP.

www.mpmc-china.com | www.mpmc-group.com  
sales@mpmc-china.com |

Photographs are for illustrative purposes only and may not reflect final specification.

Follow us



<https://www.facebook.com/mpmcgroup>



<https://www.linkedin.com/company/mpmcpowertech/>



<https://www.youtube.com/user/MPMCGenerator>

All information in this document is substantially correct at time of printing and may be altered subsequently. Final weight and dimensions will depend on completed specification.