

MODEL : GB-10

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;
- Accept customer customization, suitable for various scenarios;

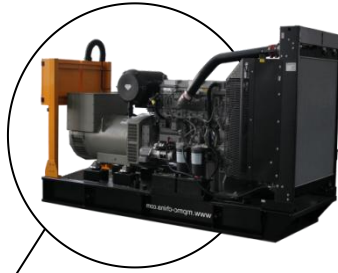
Warranty

- Battery Performance: 4000 cycles(80% DOD) or 2 years after manufacture;
- Generator: 18 months after manufacture or 1500 hours running time;



General Specification

System Rated Output Power	10kW/kVA	
Rated Output Voltage	380V@50Hz/60Hz,3ph. (According to customer requirements)	
Min.Battery Storage Capacity	10 kWh	
Max.Battery Storage Capacity	40 kWh	
Output Terminals	Copper terminals & CEE 16A/5P Socket	
Expand Dimension(W*D*H)	2950*1150*1500mm	
Loading Dimension(W*D*H)	2950*1150*1500mm	
Net.Weight	2300kg	
Loading Capacity	20'GP	4 units
	40'HC	8 units
Discharge Temperature Range	-20°C~50°C	



GENERATOR
MAX. POWER: 16kW
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

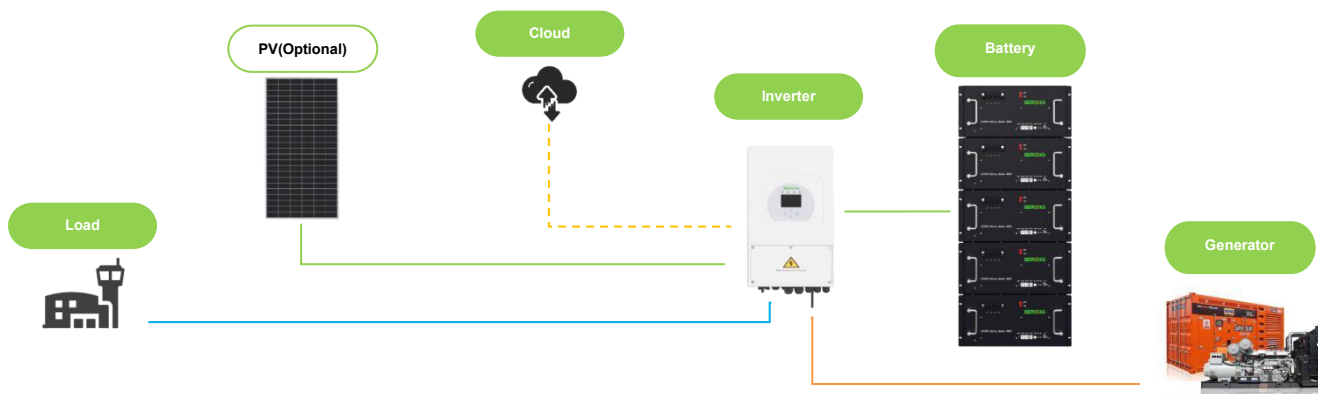
Prime Power	10kVA~20kVA
Engine to Ref.	YANMAR / PERKINS / KUBOTA / FPT
Fuel Tank Capacity	100 L

Energy Storage Battery

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

Hybrid Inverter System

Solar Controller (Reserve)	MPPT*2
AC Voltage Range	380~415Vac
Rated Output Power	10kVA(0.8leading~0.8lagging)



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



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