

MODEL : GB-20-10

DIESEL GENERATOR & BATTERY



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.

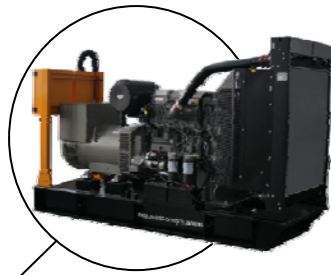
Benefits

- 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;
- Green, renewable and clean energy, supported and subsidized by the state;



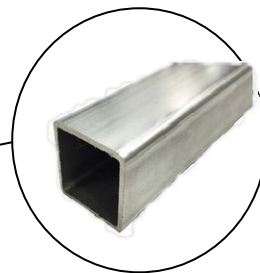
General Specification

Model	GB-20-10
Rated Output Power	10 kW (Generator) & 10 kW (Battery)
Rated Output Voltage	220V@50Hz, 1ph.
Fuel Tank Capacity	100 liters
Battery Storage Capacity	10 kWh
Max. Battery Storage Capacity	25 kWh
Loading Dimension(L*W*H)	2450*1150*1900
Weight	1500 kG
Loading Capacity of 40'HC	8 units
Operating Temperature Range	-15~40°C
Socket-Output / Input	CE 32A*1 / CE 120A*1 (For PV) ; CE 125A*1 (For AUX.charger)



DIESEL GENERATOR
RATED POWER: 10kW

With **LOW CONSUMPTION**
DOWN TO **3 L/H~!!**



HIGH STRENGTH
METAL FRAME

COFFIDENCE IN
FACING **WIND & RAIN**



INTELLIGENT INVERTER

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

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



Diesel Generator Set

Prime Power	10 kW
Fuel Consumption	3 L/h@100% load
Time for Charger	1 hours
Full Tank Output Power	313 kWh (Max.)
Fuel Type	Diesel/Gasoline/Gas
Base Functions	Automatic Start-up / Alarm / Automatic Stop / Emergency Stop / Load Management

Energy storage battery

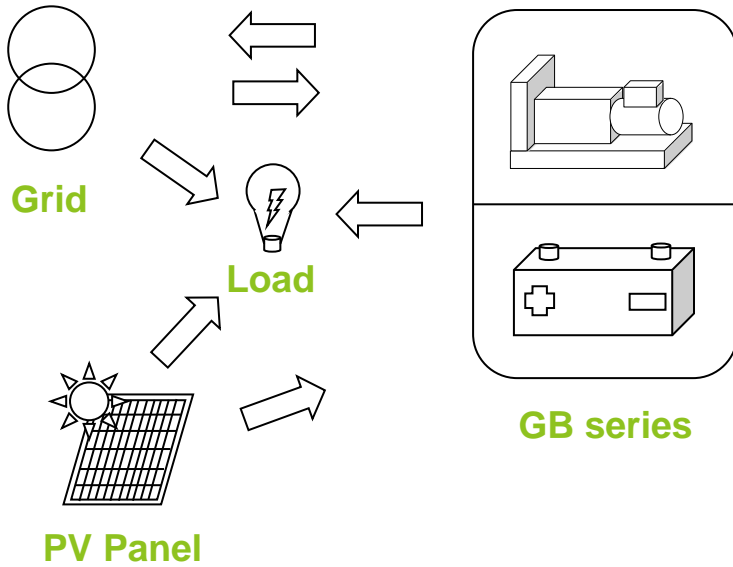
Type	LFP(LiFePO4)
Rated Capacity	5 kWh
Rated Voltage	51.2 VDC
Discharge Depth	90%
Charger/Discharger Current	97.7 A(1.0C)
System Capacity	10 kWh
System MAX. Capacity	25 kWh

Cooling System

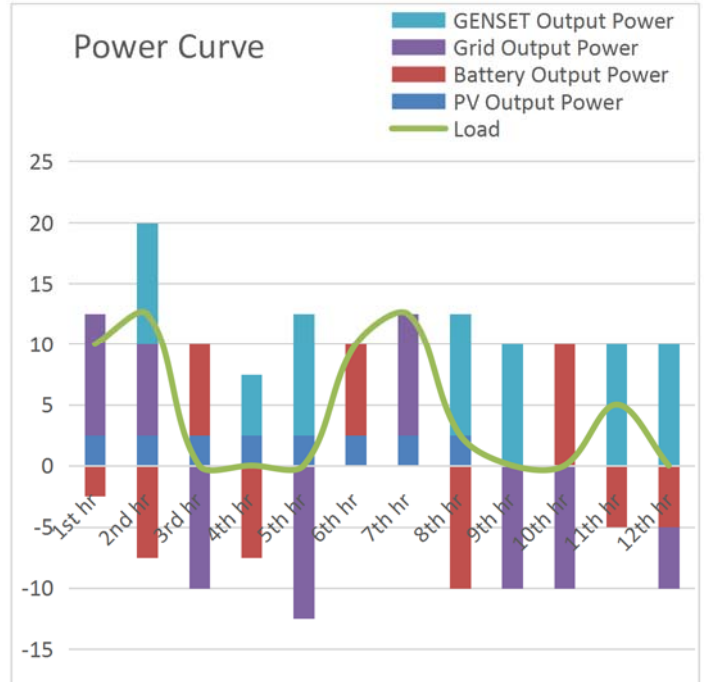
Exhaust Air Volume	492CFM
Rated Power	48W
Rated Voltage	48VDC
Max. Noise Level	68dB(A)
Qty	2pcs

Integrated Solar Power Inverter System

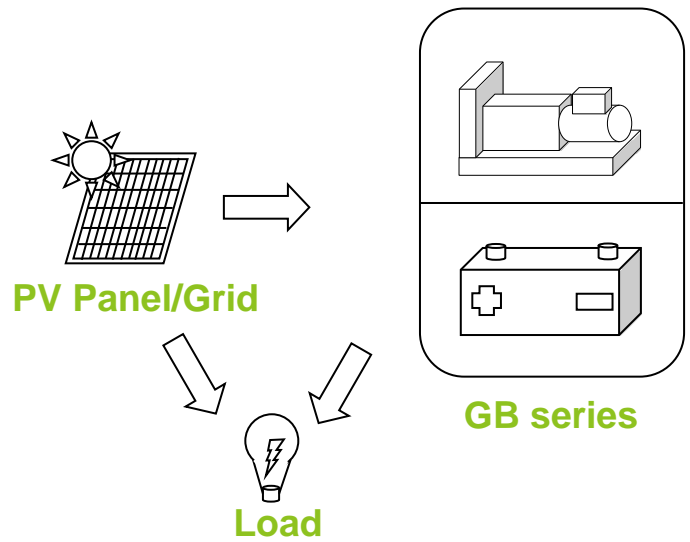
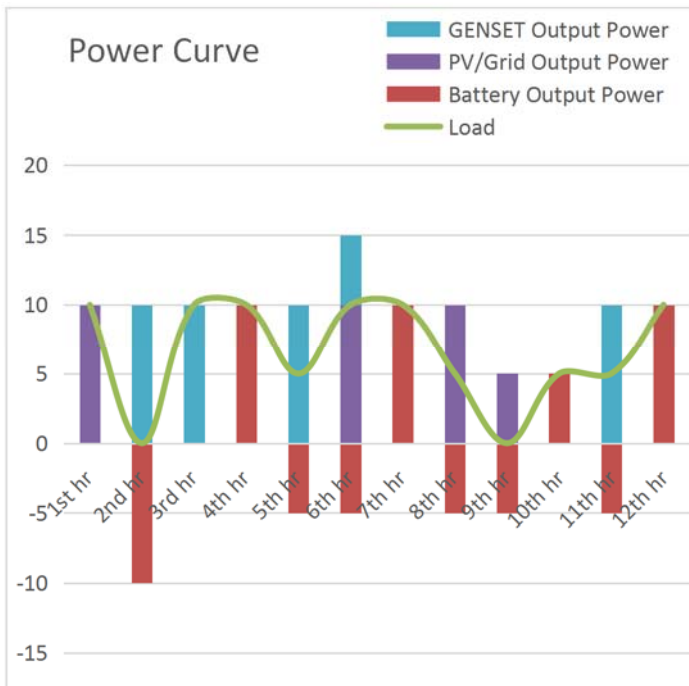
Max. Solar Charger Current	144 A
AC Input Voltage Range	170~280Vac
Max. AC Charger Current	88 A
Max.Conversion Efficiency	91%
Rated Output Power	10kW



On-Grid Module



Off-Grid Module



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