

Standard Features	
MODEL	GB-100
Standby Power(50Hz)	88KW/110KVA
Prime Power(50Hz)	80KW/100KVA
Engine	GB POWER GB4112ZCD
Alternator	GB POWER GB-UCI274C

- **Engine(GB POWER GB4112ZCD)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(GB POWER GB-UCI274C),**
- single bearing alternator, Protection Class IP22, insulation class H/H
- Dry Type air filter, fuel filter, oil filter, pre-filter, absorber
- Main line circuit breaker
- Standard control panel
- Two 12V batteries, rack and cable
- Ripple flex exhaust pipe, Exhaust siphon, flange, muffler
- Operation manual



Generator Set Ratings						
Voltage	Frequency	Phase	P.F (COS $\phi$ )	Standby Amps	Standby Ratings (KW/KVA)	Prime Ratings (KW/KVA)
440/254	50	3	0.8	144	88/125	80/100
415/240	50	3	0.8	153	88/125	80/100
400/230	50	3	0.8	159	88/125	80/100
380/220	50	3	0.8	167	88/125	80/100

Prime Power (PRP): Prime power is available for an unlimited number of annual hours in variable load application, in accordance with GB/T2820-97 (equiv ISO8528); A 10% overload capability is available for a period of 1 hour within a 12-hour period of operation. Standby Power Rating (ESP): The standby power rating is applicable for supplying emergency

Dimension Of Generator Set	
Dimension(L*W*H)/CM For Open Type	270×90×155 CM
Net Weight/KG For Open Type	3000 KG
Dimension(L*W*H)/CM For Sound Proof Type	360×110×170 CM
Net Weight/KG For Sound Proof Type	3400 KG
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	GB4112ZCD
	Manufacturer	GB POWER
	Prime Power	88KW/121HP
	Standby Power	97KW/134HP
	Engine Configuration	4Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Turbo Chargeing
	Bore× Stroke	112× 135 (MM)
	Displacement	12.9L
	Idle speed	500RPM
	Rated Speed	1500RPM
	Speed Governor	Mechanical Speed Control System
	Starter Model	24V DC Start
	Fuel Consumption Prime Power (100% load)	210G/KW.H
	Compression Ratio	17:1
	Oil Consumption	1 G/KW.H
	Cooling System	Water Cool
	Noise	≅ 117dB
	Smoke	≅ 3 FSN
	Stable state rate	5 %

Specification Of Alternator		
Alternator	Alternator Model	GB-UCI274C
	Manufacturer	GB POWER CO.,LTD.
	Prime Output	80KW/100KVA
	Standby Output	88KW/110KVA
	Excitation Model	Brushless, Self-Exciting
	Cooling Method	Air Cooling
	Connection Type	3 Phase and 12 Wires "Star" Connection
	Power Factor	0.8
	Protection Class	IP22
	Insulation Class	H
	Altitude	$\leq 1000\text{m}$
	Voltage Regulation, Steady State	$\leq \pm 1\%$
	Telephone Influence Factor	$< 50$
	Sudden Voltage Warp (100% Sudden Reduce)	$\leq \pm 1\%$
	Sudden Voltage Warp (Sudden Increase)	$\leq \pm 25\%$
	Voltage Stable Time (100% Sudden Reduce)	$\leq 6\text{S}$
	Voltage Stable Time (Sudden Increase)	$\leq 6\text{S}$
	Frequency Reduce	0-5% adjustable
	Frequency Regulation, Stead State	$\leq 1.5\%$
	Frequency Waving	$\leq 0.8\%$
	Sudden Frequency Warp (100% Sudden Reduce)	$\leq +12\%$
	Sudden Frequency Warp (100% Sudden Increase)	$\leq -10\%$
	Frequency Recovery Time (100% Sudden Reduce)	$\leq 5\text{S}$
Frequency Recovery Time (Sudden Increase)	$\leq 5\text{S}$	
Compliance GB755,BS5000,VDE0530,NEMAMG1-22,IED34-1,CSA22.2 and AS1359 Stands		

## Control Panel System



### DEEPSEA501K CONTROL MODEL/ MANUAL OR ATS USE

With Four Protection

- 1.High water Temperature Shutdown
2. Low Oil Pressure Shutdown
3. Over Speed Shutdown
4. Over Crank Shutdown
5. Protection as Emergent Stop

#### Parameters of Operation:

1. Emergency Stop Button
- 2.Voltmeter and Selector Switch
3. Ammeter and Selector Switch
4. Frequency Meter



### DEEPSEA6020 CONTROL MODEL/ MANUAL OR ATS USE

With Four Protection

- 1.High water Temperature Shutdown
2. Low Oil Pressure Shutdown
3. Over Speed Shutdown
4. Over Crank Shutdown
5. Protection as Emergent Stop

#### Parameters of Operation:

Digital type, all function showed by LED



### DEEPSEA7320 CONTROL MODEL/ MANUAL OR ATS USE

With Four Protection

- 1.High water Temperature Shutdown
2. Low Oil Pressure Shutdown
3. Over Speed Shutdown
4. Over Crank Shutdown
5. Protection as Emergent Stop

#### Parameters of Operation:

Digital type, all function showed by LED