

Standard Features	
MODEL	GB-180
Standby Power(50Hz)	158KW/198KVA
Prime Power(50Hz)	144KW/180KVA
Engine	GB POWER GB-6112ZLD
Alternator	GB POWER GB-274F

- **Engine(GB POWER GB-6112ZLD)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(GB POWER GB-274F),**
- single bearing alternator, Protection Class IP23, 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	259	158/198	144/180
415/240	50	3	0.8	276	158/198	144/180
400/230	50	3	0.8	285	158/198	144/180
380/220	50	3	0.8	300	158/198	144/180

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

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Dimension Of Generator Set	
Dimension(L*W*H)/CM For Open Type	275×90×155 CM
Net Weight/KG For Open Type	2400 KG
Dimension(L*W*H)/CM For Sound Proof Type	320×110×160 CM
Net Weight/KG For Sound Proof Type	3000 KG
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	GB-6112ZLD
	Manufacturer	GB POWER
	Prime Power	165KW/224HP
	Standby Power	180KW/245HP
	Engine Configuration	6Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Turbo-charged
	Bore × Stroke	135 × 140 (MM)
	Displacement	12L
	Idle speed	500RPM
	Rated Speed	1500RPM
	Speed Governor	Mechanical Speed Control System
	Starter Model	24V DC Start
	Fuel Consumption Prime Power (100% load)	205G/KW.H
	Compression Ratio	16.5:1
	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-UCI274F
	Manufacturer	GB POWER CO.,LTD.
	Prime Output	144KW/180KVA
	Standby Output	158KW/198KVA
	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	≤1000m
	Voltage Regulation, Steady State	≤ ± 1%
	Telephone Influence Factor	<50
	Sudden Voltage Warp (100% Sudden Reduce)	≤ ± 1%
	Sudden Voltage Warp (Sudden Increase)	≤ ± 25%
	Voltage Stable Time (100% Sudden Reduce)	≤6S
	Voltage Stable Time (Sudden Increase)	≤6S
	Frequency Reduce	0-5% adjustable
	Frequency Regulation, Stead State	≤ 1.5%
	Frequency Waving	≤0.8%
	Sudden Frequency Warp (100% Sudden Reduce)	≤ +12%
	Sudden Frequency Warp (100% Sudden Increase)	≤ -10%
	Frequency Recovery Time (100% Sudden Reduce)	≤5S
Frequency Recovery Time (Sudden Increase)	≤5S	
Compliance GB755,BS5000,VDE0530,NEMAMG1-22,IED34-1,CSA22.2 and AS1359 Stands		

## Control Panel System



### DEEPSEA 501K CONTROL MODEL/ MANUAL 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
5. Hour Running Meter
6. Alart Buzzer



### 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



### DEEPSEA 7320 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