

Standard Features

MODEL	GB-50
Standby Power(50Hz)	44KW/55KVA
Prime Power(50Hz)	40KW/50KVA
Engine	GB POWER GB4105D-2
Alternator	GB BRUSHLESS GB-UCI224D

- **Engine(GB POWER GB4105D-2)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(GB POWER GB-UCI224D),**
- 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
- One 12V batteries, rack and cable
- Ripple flex exhaust pipe, Exhaust siphon, flange, muffler
- Operation manual



Generator Set Ratings

Voltage	Frequency	Phase	P.F (COS ϕ)	Standby Amps	Standby Ratings (KW/KVA)	Prime Ratings (KW/KVA)
400/230	50	3	0.8	80	44/55	40/50
380/220	50	3	0.8	84	44/55	40/50

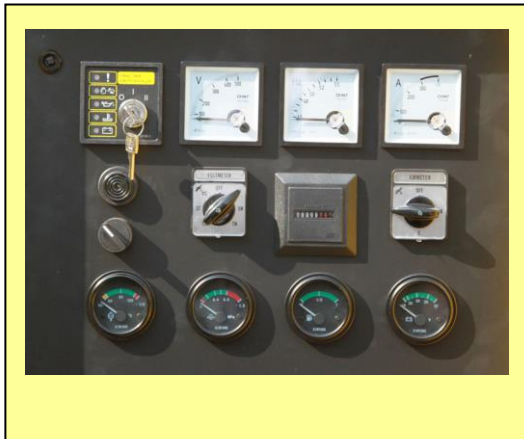
Prime Power(PRP): Prime power is available for an unlimited number of annual hours in variable load application, in accordance with GB/T2820-97(eqvISO8528); A 10% overload capability is available for a period of 1 hour within a 12-hour period of operation. Standby Power Rating (ESP): The standby power rating is applicable for supplying emergency

Dimension Of Generator Set	
Dimension(L*W*H)/CM For Open Type	196x81x138CM
Net Weight/KG For Open Type	1060KG
Dimension(L*W*H)/CM For Sound Proof Type	233x116x142 CM
Net Weight/KG For Sound Proof Type	1460KG
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	GB4105D-2
	Manufacturer	GB POWER
	Prime Power	45KW/60HP
	Standby Power	50KW/67HP
	Engine Configuration	4Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Naturally
	Bore× Stroke	105× 135 (MM)
	Displacement	3.857L
	Rated Speed	1500RPM
	Speed Governor	Mechanical Speed Control System
	Starter Model	12V DC Start
	Fuel Consumption Standby Power (110% load)	
	Fuel Consumption Prime Power (100% load)	11.9L/H
	Stable rates	≤5
	Cylinder Sleeve Type	Dry
Lubrication type	Pressure and Splash	

Specification Of Alternator		
Alternator	Alternator Model	GB-UCI224D
	Manufacturer	GB POWER CO., LTD
	Prime Output	40KW/50KVA
	Standby Output	44KW/55KVA
	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



DEEPSEA501K 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



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