GB POWER

Standard Features	
MODEL	**GB-25**
Standby Power(50Hz)	22KW/27.5KVA
Prime Power(50Hz)	20KW/25KVA
Engine	GBPOWER GB490D
Alternator	GB POWER GB-PI144E

- **Engine(GB POWER GB490D)**
- Radiator 40℃ max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(GB POWER GB-PI144E),**
- 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

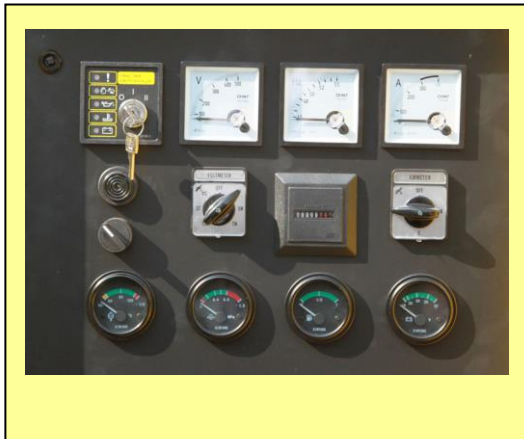| Generator Set Ratings						
Voltage	**Frequency**	**Phase**	**P.F (COS∅)**	**Standby Amps**	**Standby Ratings (KW/KVA)**	**Prime Ratings (KW/KVA)**
440/254	50	3	0.8	36	22/27.5	20/25
415/240	50	3	0.8	38.3	22/27.5	20/25
400/230	50	3	0.8	40	22/27.5	20/25
380/220	50	3	0.8	42	22/27.5	20/25

Prime Power(PRP):Prime power is available for an unlimited number of annual hours in variable load application, in accordance with GB/T2820-97(eqvlSO8528);A10%voerload 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	173×73×120CM
Net Weight/KG For Open Type	1160KG
Dimension(L*W*H)/CM For Sound Proof Type	210×95×125 CM
Net Weight/KG For Sound Proof Type	1440KG
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	GB490D
	Manufacturer	GB POWER
	Prime Power	22KW/30HP
	Standby Power	24KW/26.4HP
	Engine Configuration	4Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Naturally
	Bore×Stroke	90×105（MM）
	Displacement	3.857L
	Rated Speed	1500RPM
	Speed Governor	Mechanical Speed Control System
	Starter Model	12V DC Start
	Fuel Consumption Prime Power (100% load)	≤6.04L /KW.H
	Stable rates	≤5
	Cylinder Sleeve Type	Dry
	Lubrication type	Pressure and Splash

Specification Of Alternator		
Alternator	Alternator Model	GB-144E
	Manufacturer	GB POWER CO., LTD
	Prime Output	20KW/25KVA
	Standby Output	22KW/27.5KVA
	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		

GB POWER

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