

Standard Features	
Standby Power(60Hz)	88KW/110KVA
Prime Power(60Hz)	80KW/100KVA
Engine	DEUTZ BF4M1013EC
Alternator	GB POWER GB-UCI224G

- **Engine(DEUTZ BF4M1013E)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(GB POWER GB-UCI224G),**
- 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 ϕ)	Standby Amps	Standby Ratings (KW/KVA)	Prime Ratings (KW/KVA)
440/254	60	3	0.8	145	88/110	80/100
415/240	60	3	0.8	153	88/110	80/100
400/230	60	3	0.8	158	88/110	80/100
380/220	60	3	0.8	167	88/110	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	235×85×190 CM
Net Weight/KG For Open Type	1150KG
Dimension(L*W*H)/CM For Sound Proof Type	323×117×180 CM
Net Weight/KG For Sound Proof Type	1790 KG
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	
FUEL TANK SYSTEM	
10 Hours Fuel Tank Capacity	210L

Specification Of Engine		
Engine	Engine Model	BF4M1013EC
	Manufacturer	DEUTZ COMPANY
	Prime Power	85KW/115HP
	Standby Power	92.4KW/125.6HP
	Engine Configuration	4Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Turbo Charged
	Bore× Stroke	108×130 (MM)
	Displacement	4.764L
	Rated Speed	1500RPM
	Speed Governor	Mechanical speed controller,
	Starter Model	24V DC Start
	Fuel Consumption Standby Power (110% load)	22.7 L/H
	Fuel Consumption Prime Power (100% load)	20.8 L/H
	Compression Ratio	17.5:1
	Oil Change Intervals	500H
	Cooling System	Water Cool
	Exhaust Volume Flow	368 M ³ /H
	Air Consumption	285 M ³ /H
Exhaust Gas Flow	368M ³ /H	
Exhaust Gas Temperature	510°C	

Specification Of Alternator

Alternator	Alternator Model	GB-UCI224G
	Manufacturer	GB POWER company
	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	≤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 Meter6.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