

Standard Features	
Standby Power(60Hz)	176KW/220KVA
Prime Power(60Hz)	160KW/200KVA
Engine	DEUTZ BF6M1013FCG2
Alternator	STAMFORD UCI274F

- **Engine(DEUTZ BF6M1013FCG2)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAMFORD UCI274F),**
- 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
- Two12V 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	50	3	0.8	288.7	176/220	160/200
415/240	50	3	0.8	306.1	176/220	160/200
400/230	50	3	0.8	317.7	176/220	160/200
380/220	50	3	0.8	334.3	176/220	160/200

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);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	255x85x180 CM
Net Weight/KG For Open Type	1500KG
Dimension(L*W*H)/CM For Sound Proof Type	323x117x180 CM
Net Weight/KG For Sound Proof Type	2050 KG
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	BF6M1013FCG2
	Manufacturer	DEUTZ COMPANY
	Prime Power	186KW/217.5HP
	Standby Power	192KW/239.3HP
	Engine Configuration	6Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Turbo charged inter cooling
	Bore× Stroke	108× 130 (MM)
	Displacement	7.146L
	Rated Speed	1800RPM
	Speed Governor	Electrical speed controller,
	Starter Model	24V DC Start
	Fuel Consumption Standby Power (110% load)	33.4 L/H
	Fuel Consumption Prime Power (100% load)	30.3 L/H
	Compression Ratio	19.0:1
	Oil Change Intervals	500H
	Cooling System	Water Cool
	Exhaust Volume Flow	1605 M ³ /H
	Air Consumption	608 M ³ /H
	Exhaust Gas Flow	731 M ³ /H
Exhaust Gas Temperature	490 °C	

Specification Of Alternator

Alternator	Alternator Model	UCI274F
	Manufacturer	STAMFORD company
	Prime Output	160KW/200KVA
	Standby Output	176KW/220KVA
	Excitation Model	Brushless, Self-Exciting
	Cooling Method	Air Cooling
	Connection Type	3 Phase and 12 Wires "Star" Connection
	Power Factor	0.8
	Protection Class	IP23
	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		



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