

**Standard Features**

MODEL	GB-C90
Standby Power(50Hz)	80KW/100KVA
Prime Power(50Hz)	72KW/90KVA
Engine	Cummins 6BT5.9-G1
Alternator	STAMFORD UCI274C

- **Engine(DCEC Cummins 6BT5.9 –G1)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAMFORD UCI274C),**
- 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	131	80/100	72/90
415/240	50	3	0.8	139	80/100	72/90
400/230	50	3	0.8	144	80/100	72/90
380/220	50	3	0.8	152	80/100	72/90

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	223×83×150 CM
Net Weight/KG For Open Type	1450 KG
Dimension(L*W*H)/CM For Sound Proof Type	276×112×173 CM
Net Weight/KG For Sound Proof Type	1900 KG
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	6BT5.9-G1
	Manufacturer	DCEC Cummins
	Prime Power	86KW/115HP
	Standby Power	92KW/123HP
	Engine Configuration	6 Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Turbo Charged
	Bore×Stroke	102×120 (MM)
	Displacement	5.9L
	Rated Speed	1500RPM
	Speed Governor	Mechanical Speed Control System
	Starter Model	24V DC Start
	Fuel Consumption Standby Power (110% load)	22.5L/H
	Fuel Consumption Prime Power (100% load)	20.5L/H
	Oil Consumption	≤4G/KWH
	Cooling System	Water Cool
	Compression Ratio	17.5:1
	Max Back Pressure	10KPA
Intake Flow L/S	148M <sup>3</sup> /MIN	
Exhaust Temperature	504 °C	

**Specification Of Alternator**

Alternator	Alternator Model	UCI274C
	Manufacturer	STAMFORD 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	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 Stands	GB755,BS5000,VDE0530,NEMAMG1-22,IED34-1,CSA22.2 and AS1359	

**Control Panel System**



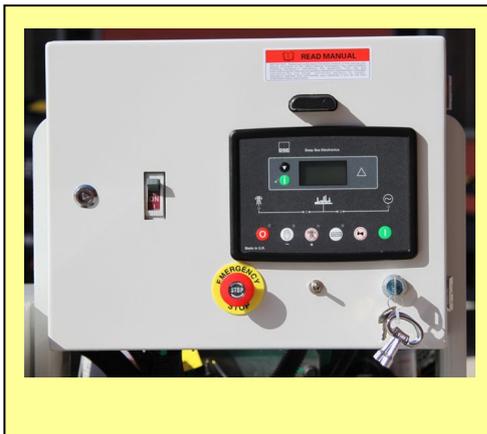
**DEEPSEA501K CONTROL MODEL/ MANUAL USE**

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
- 6. With Remote Teleport Communication RS 485

**Parameters of Operation:**

Digital type, all function showed by LED