

**Standard Features**

MODEL	GB-C180
Standby Power(50Hz)	160KW/200KVA
Prime Power(50Hz)	144KW/180KVA
Engine	Cummins 6CTA8.3-G2
Alternator	STAMFORD UCI274G

- **Engine(DCEC Cummins 6CTA8.3-G2)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAMFORD UCI274G),**
- 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	263	160/200	144/180
415/240	50	3	0.8	278	160/200	144/180
400/230	50	3	0.8	289	160/200	144/180
380/220	50	3	0.8	304	160/200	144/180

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	248×88×152 CM
Net Weight/KG For Open Type	1850 KG
Dimension(L*W*H)/CM For Sound Proof Type	323×115×178 CM
Net Weight/KG For Sound Proof Type	2300 KG
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	6CTA8.3-G2
	Manufacturer	DCEC Cummins
	Prime Power	163KW/218HP
	Standby Power	180KW/241HP
	Engine Configuration	6Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Turbo Charged
	Bore× Stroke	114× 135 (MM)
	Displacement	8.3L
	Rated Speed	1500RPM
	Speed Governor	High Precision Electronic Speed Control System
	Starter Model	24V DC Start
	Fuel Consumption Standby Power (110% load)	35L/H
	Fuel Consumption Prime Power (100% load)	32L/H
	Oil Consumption	≤4G/KWH
	Cooling System	Water Cool
	Compression Ratio	17.0:1
	Max Back Pressure	10KPA
	Intake Flow L/S	210M <sup>3</sup> /MIN
Exhaust Temperature	589 °C	

**Specification Of Alternator**

Alternator	Alternator Model	UCI274G
	Manufacturer	STAMFORD company
	Prime Output	163KW/180KVA
	Standby Output	158KW/198KVA
	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**



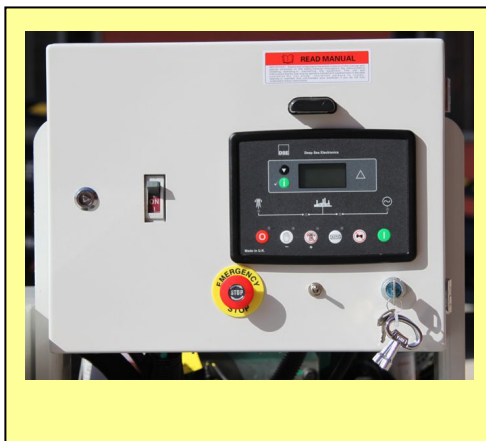
**DEEPSEA501K CONTROL MODEL/ MANUAL OR ATS USE**

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
- 6. With Remote Teleport Communication RS 485

**Parameters of Operation:**

Digital type, all function showed by LED