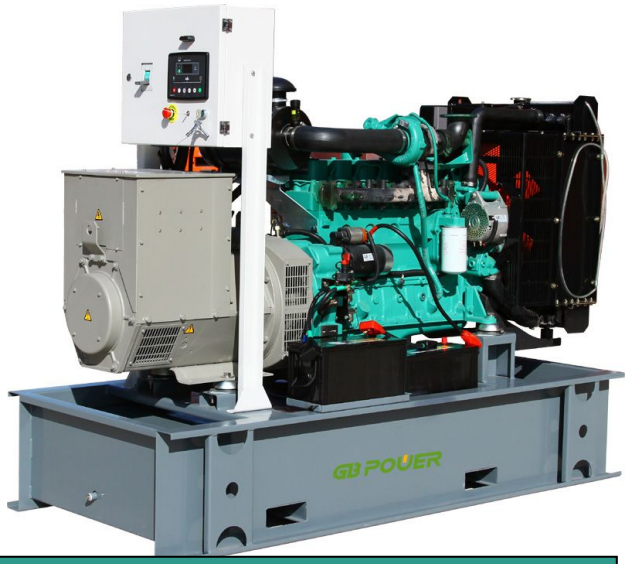
Standard Features

MODEL	GB-C125
Standby Power(50Hz)	110KW/137.5KVA
Prime Power(50Hz)	100KW/125KVA
Engine	Cummins 6BTA5.9–G2
Alternator	STAMFORD UCI274D

- **Engine(DCEC Cummins 6BTA5.9–G2)**
- Radiator 40℃ max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAMFORD UCI274D),**
- 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¢)**	**Standby Amps**	**Standby Ratings (KW/KVA)**	**Prime Ratings (KW/KVA)**
440/254	50	3	0.8	181	110/137.5	100/125
415/240	50	3	0.8	191	110/137.5	100/125
400/230	50	3	0.8	199	110/137.5	100/125
380/220	50	3	0.8	209	110/137.5	100/125

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	223×83×149 CM
Net Weight/KG For Open Type	1500 KG
Dimension(L*W*H)/CM For Sound Proof Type	323×115×178 CM
Net Weight/KG For Silent Type	1950 KG
Dimension(L*W*H)/CM For Super Silent Type	
Net Weight/KG For Silent Type	

Specification Of Engine		
Engine	Engine Model	6BTA5.9–G2
	Manufacturer	DCEC Cummins
	Prime Power	110KW/147.5HP
	Standby Power	120KW/161HP
	Engine Configuration	6Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Turbo Charged
	Bore×Stroke	102×120(MM)
	Displacement	5.9L
	Rated Speed	1500RPM
	Speed Governor	High Precision Electronic Speed Control System
	Starter Model	24V DC Start
	Fuel Consumption Standby Power (110% load)	26.4L/H
	Fuel Consumption Prime Power (100% load)	24L/H
	Oil Consumption	≤4G/KWH
	Cooling System	Water Cool
	Compression Ratio	17.0:1
	Max Back Pressure	10KPA
	Intake Flow L/S	210M³/MIN
	Exhaust Temperature	535 ℃

Specification Of Alternator		
Alternator	Alternator Model	UCI274D
	Manufacturer	STAMFORD company
	Prime Output	100KW/125KVA
	Standby Output	110KW/137.5KVA
	Excitation Model	Brushless, Self-Exciting
	Cooling Method	Air Cooling
	Connection Type	3 Phase and 12 Wires “Star” Connection
	Power Factor	0.8
	Protection Class	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 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

6. With Remote Teleport Communication RS 485

Parameters of Operation: