

**Standard Features**

MODEL	GB-C400
Standby Power(50Hz)	352KW/440KVA
Prime Power(50Hz)	320KW/400KVA
Engine	Cummins NTAA855–G7A
Alternator	STAMFORD HCI444F

- **Engine(NTAA855–G7A)**
- Radiator 40℃ max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAMFORD HCI444F),**
- single bearing alternator, Protection Class IP22, 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	578	352/440	320/400
415/240	50	3	0.8	612	352/440	320/400
400/230	50	3	0.8	635	352/440	320/400
380/220	50	3	0.8	669	352/440	320/400

**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	309×110×180 CM
Net Weight/KG For Open Type	3200 KG
Dimension(L*W*H)/CM For Sound Proof Type	423×144×220 CM
Net Weight/KG For Sound Proof Type	4100 KG
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	NTAA855–G7A
	Manufacturer	CCEC Cummins
	Prime Power	370KW/496HP
	Standby Power	407KW/545HP
	Engine Configuration	6Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Turbo Charged
	Bore×Stroke	140×152 (MM)
	Displacement	14L
	Rated Speed	1500RPM
	Speed Governor	High Precision Electronic Speed Control System
	Starter Model	24V DC Start
	Fuel Consumption Standby Power (110% load)	83.5L/H
	Fuel Consumption Prime Power (100% load)	76.0L/H
	Oil Consumption	≤0.24L/H
	Cooling System	Water Cool
	Compression Ratio	14.0:1
	Max Back Pressure	10KPA
	Intake Flow L/S	9650/S
	Exhaust Temperature	515℃

Specification Of Alternator		
Alternator	Alternator Model	CHI544F
	Manufacturer	STAMFORD company
	Prime Output	320KW/400KVA
	Standby Output	352KW/440KVA
	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	$\leq 1000\text{m}$
	Voltage Regulation, Steady State	$\leq \pm 1\%$
	Telephone Influence Factor	$< 50$
	Sudden Voltage Warp (100% Sudden Reduce)	$\leq \pm 1\%$
	Sudden Voltage Warp (Sudden Increase)	$\leq \pm 25\%$
	Voltage Stable Time (100% Sudden Reduce)	$\leq 6\text{S}$
	Voltage Stable Time (Sudden Increase)	$\leq 6\text{S}$
	Frequency Reduce	0-5% adjustable
	Frequency Regulation, Stead State	$\leq 1.5\%$
	Frequency Waving	$\leq 0.8\%$
	Sudden Frequency Warp (100% Sudden Reduce)	$\leq +12\%$
	Sudden Frequency Warp (100% Sudden Increase)	$\leq -10\%$
	Frequency Recovery Time (100% Sudden Reduce)	$\leq 5\text{S}$
	Frequency Recovery Time (Sudden Increase)	$\leq 5\text{S}$
Compliance Standards	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