

Standard Features	
MODEL	GB-YM6
Standby Power(50Hz)	5.2KW/6.6KVA
Prime Power(50Hz)	4.7KW/6KVA
Engine	YANMAR 3TNM68-GGE
Alternator	STAMFORD PI044D

- **Engine(YANMAR 3TNM68-GGE)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAMFORD PI044D),**
- 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 ϕ)	Standby Amps	Standby Ratings (KW/KVA)	Prime Ratings (KW/KVA)
440/254	50	3	0.8	8.5	5.2/6.6	4.7/6
415/240	50	3	0.8	9	5.2/6.6	4.7/6
400/230	50	3	0.8	9.4	5.2/6.6	4.7/6
380/220	50	3	0.8	9.9	5.2/6.6	4.7/6

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	115×50×80 CM
Net Weight/KG For Open Type	600KG
Dimension(L*W*H)/CM For Sound Proof Type	155×80×100CM
Net Weight/KG For Sound Proof Type	700 KG
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine

Engine	Engine Model	3TNM68-GGE
	Manufacturer	YECL YANMAR
	Prime Power	5.5KW/7.37HP
	Standby Power	6.1KW/8.17HP
	Engine Configuration	3Cylinder In Line, 4Stroke
	Aspiration	Natural Aspiration
	Bore × Stroke	68 × 72 (MM)
	Displacement	0.784L
	Rated Speed	1500RPM
	Speed Governor	Mechanical
	Starter Model	12V DC Start
	Fuel Consumption Standby Power (100% load)	265g/Kw.h
	Lubrication system capacity(L)	2.5
	Cooling System	Water Cool
	Compression Ratio	23.5:1
	Speed Stability	≤5%
	Coolant capacity	1L
	Emissions statement	EPA Tier 4
Alternator	12V	

Specification Of Alternator

	Alternator Model	PI044E
	Manufacturer	STAMFORD company
	Prime Output	6.0KW/8KVA

Alternator	Standby Output	6.6KW/8.8KVA
	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	≤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

Parameters of Operation:

Digital type, all function showed by LED