

Standard Features	
MODEL	GB-YM7.5
Standby Power(60Hz)	6.6KW/8.3KVA
Prime Power(60Hz)	6KW/7.5KVA
Engine	YANMAR 3TNM68-GGE
Alternator	STAMFORD PIO44D

- **Engine(YANMAR 3TNM68-GGE)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAMFORD PIO44D),**
- 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)
380/220	60	3	0.8	12.5	6.6/8.3	6/7.5
220/127	60	3	0.8	21.6	6.6/8.3	6/7.5

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	120×60×80 CM
Net Weight/KG For Open Type	460KG
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	6.6KW/8.84HP
	Standby Power	7.3KW/9.78HP
	Engine Configuration	3Cylinder In Line, 4Stroke
	Aspiration	Natural Aspiration
	Bore × Stroke	68 × 72 (MM)
	Displacement	0.784L
	Rated Speed	1800RPM
	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	PIO44D
	Manufacturer	STAMFORD company
	Prime Output	7.5KW/9.4KVA

Alternator	Standby Output	8.2KW/10KVA
	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





### MONICAN 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
5. Hour Running Meter
6. Alarm Buzzer



### SMARTGE 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



### DEEPSEA 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