

Standard Features	
MODEL	GB-YM15
Standby Power(60Hz)	13.2KW/16.5KVA
Prime Power(60Hz)	12KW/15KVA
Engine	YANMAR 3TNV88-GGE
Alternator	STAMFORD PI044G

- **Engine(YANMAR 3TNV88-GGE)**
- Radiator 40℃ max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAMFORD PI044G),**
- 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)
480/240	60	3	0.8	19.8	13.2/16.5	12/15
460/230	60	3	0.8	20.7	13.2/16.5	12/15
440/220	60	3	0.8	21.6	13.2/16.5	12/15
416/208	60	3	0.8	22.9	13.2/16.5	12/15

Prime Power(PRP): Prime power is available for an unlimited number of annual hours in variable load application, in accordance with GB/T2820-97(eqvISO8528); 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	130×65×100 CM
Net Weight/KG For Open Type	850KG
Dimension(L*W*H)/CM For Sound Proof Type	170×80×110CM
Net Weight/KG For Sound Proof Type	1050 KG
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	3TNV88-GGE
	Manufacturer	YECL YANMAR
	Prime Power	14.7KW/19.7HP
	Standby Power	16.2KW/21.7HP
	Engine Configuration	3Cylinder In Line, 4Stroke
	Aspiration	Natural Aspiration
	Bore × Stroke	88 × 90 (MM)
	Displacement	1.642L
	Rated Speed	1800RPM
	Speed Governor	Mechanical
	Starter Model	12V DC Start
	Fuel Consumption Standby Power (100% load)	245g/Kw.h
	Lubrication system capacity(L)	6.7
	Cooling System	Water Cool
	Compression Ratio	19.1:1
	Speed Stability	≤5%
	Coolant capacity	2L
	Emissions statement	EPA Tier 2
	Alternator	12V

Specification Of Alternator		
	Alternator Model	PI044G
	Manufacturer	STAMFORD company
	Prime Output	14KW/17.5KVA

Alternator	Standby Output	15.4KW/19.25KVA
	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 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.Alart 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