

Standard Features	
MODEL	GB-YM17.5
Standby Power(60Hz)	15.4KW/19KVA
Prime Power(60Hz)	14KW/17.5KVA
Engine	YANMAR 3TNV84T-GGE
Alternator	STAMFORD PI044H

- **Engine(YANMAR 3TNV84T-GGE)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAMFORD PI044H),**
- 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	23.2	15.4/19	14/17.5
460/230	60	3	0.8	24	15.4/19	14/17.5
440/220	60	3	0.8	25	15.4/19	14/17.5
416/208	60	3	0.8	26.7	15.4/19	14/17.5

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	140×65×100 CM
Net Weight/KG For Open Type	950KG
Dimension(L*W*H)/CM For Sound Proof Type	170×80×110CM
Net Weight/KG For Sound Proof Type	1150 KG
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine

Engine	Engine Model	3TNV84T-GGE
	Manufacturer	YECL YANMAR
	Prime Power	16.6KW/22.2HP
	Standby Power	18.8KW/25.2HP
	Engine Configuration	3Cylinder In Line, 4Stroke
	Aspiration	Turbocharged Aspiration
	Bore × Stroke	84 × 90 (MM)
	Displacement	1.498L
	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	PI044H
	Manufacturer	STAMFORD company
	Prime Output	16.5KW/20.5KVA

Alternator	Standby Output	18.2KW/22.5KVA
	Excitation Model	Brushless, Self-Exciting
	Cooling Method	Air Cooling
	Connection Type	3 Phase and 12 Wires "Star" Connection
	Power Factor	0.8
	Protection Class	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





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