Standard Features	
Standby Power(50Hz)	7.0KW/8.8KVA
Prime Power(50Hz)	6.4KW/8KVA
Engine	YANMAR 3TNV76-GGE
Alternator	STAMFORD PI044E

- **Engine(YANMAR 3TNV76-GGE)**
- Radiator 40℃ max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAMFORD PI044E),**
- 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
- Two12V batteries, rack and cable
- Ripple flex exhaust pipe, Exhaust siphon, flange, muffler
- Operation manual

Generator Set Ratings						
Voltage	**Frequency**	**Phase**	**P.F (COS¢)**	**Standby Amps**	**Standby Ratings (KW/KVA)**	**Prime Ratings (KW/KVA)**
440/254	50	3	0.8	12.6	7.0/8.8	6.4/8
415/240	50	3	0.8	13.4	7.0/8.8	6.4/8
400/230	50	3	0.8	13.9	7.0/8.8	6.4/8
380/220	50	3	0.8	14.6	7.0/8.8	6.4/8

Prime Power(PRP):Prime power is available for an unlimited number of annual hours in variable load application, in accordance with GB/T2820-97(eqvlSO8528);A10%voerload 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	650KG
Dimension(L*W*H)/CM For Sound Proof Type	160×80×100CM
Net Weight/KG For Sound Proof Type	800 KG
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	3TNV76-GGE
	Manufacturer	YECL YANMAR
	Prime Power	8.2KW/11HP
	Standby Power	9KW/12HP
	Engine Configuration	3Cylinder In Line, 4Stroke
	Aspiration	Natural Aspiration
	Bore×Stroke	76×82(MM)
	Displacement	1.116L
	Rated Speed	1500RPM
	Speed Governor	Mechanical
	Starter Model	12V DC Start
	Fuel Consumption Standby Power (100% load)	260g/Kw.h
	Lubrication system capacity(L)	5.5
	Cooling System	Water Cool
	Compression Ratio	23.5:1
	Speed Stablility	≤5%
	Coolant capacity	0.9L
	Emissions statement	EPA Tier 3
	Alternator	12V

Specification Of Alternator		
	Alternator Model	PI044E

Alternator	Manufacturer	STAMFORD company
	Prime Output	8KW/10KVA
	Standby Output	8.8KW/11KVA
	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 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

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