

### Standard Features

MODEL	GB-P300
Standby Power(50Hz)	264KW/330KVA
Prime Power(50Hz)	240KW/300KVA
Engine	PERKINS 1606A-E93TAG5
Alternator	STAMFORD HCI 444D

- **Engine(PERKINS 1606A-E93TAG5 )**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAMFORD HCI 444D),**
- 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 $\phi$ )	Standby Amps	Standby Ratings (KW/KVA)	Prime Ratings (KW/KVA)
440/254	50	3	0.8	433	264/330	240/300
415/240	50	3	0.8	459	264/330	240/300
400/230	50	3	0.8	477	264/330	240/300
380/220	50	3	0.8	502	264/330	240/300

**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	340×115×198 CM
Net Weight/KG For Open Type	3400KGS
Dimension(L*W*H)/CM For Sound Proof Type	440×145×225 CM
Net Weight/KG For Sound Proof Type	4200KGS
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	1606A-E93TAG5
	Manufacturer	PERKINS UK
	Emissions statement	EU2007(EU97/68/EC Stage II )
	Prime Power	261KW/350HP
	Standby Power	287KW/385HP
	Engine Configuration	6Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Turbocharged Air-Air cooled
	Bore×Stroke	117×146 (MM)
	Displacement	9.3L
	Rated Speed	1500RPM
	Speed Governor	Electrical
	Starter Model	24V DC Start
	Fuel Consumption Prime Power (100% load)	59.5L/H
	Totally lubrication system Capacity	36L
	Coolant capacity	51.4L
	Cooling System	Water Cool
	Compression Ratio	16.3:1

Specification Of Alternator		
Alternator	Alternator Model	STAMFORD
	Manufacturer	STAMFORD company
	Prime Output	240KW/300KVA
	Standby Output	264KW/330KVA
	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 Standards	GB755, BS5000, VDE0530, NEMAMG1-22, IED34-1, CSA22.2 and AS1359	

### Control Panel System



#### DEEPSEA 501K 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



#### DEEPSEA 6020 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 7320 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
6. With Remote Teleport Communication RS 485

#### Parameters of Operation: