

Standard Features

MODEL	GB-P500
Standby Power(50Hz)	440KW/550KVA
Prime Power(50Hz)	400KW/500KVA
Engine	PERKINS 2506C-E15TAG2
Alternator	STAMFORD HCI544C

- **Engine(PERKINSUK2506C-E15TAG2)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAMFORD HCI544C),**
- 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 ϕ)	Standby Amps	Standby Ratings (KW/KVA)	Prime Ratings (KW/KVA)
440/254	50	3	0.8	722	440/550	400/500
415/240	50	3	0.8	765	440/550	400/500
400/230	50	3	0.8	794	440/550	400/500
380/220	50	3	0.8	837	440/550	400/500

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	380×125×210 CM
Net Weight/KG For Open Type	3850KGS
Dimension(L*W*H)/CM For Sound Proof Type	470×155×235 CM
Net Weight/KG For Sound Proof Type	4900KGS
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	2506C-E15TAG2
	Manufacturer	PERKINS UK
	Prime Power	435KW/583HP
	Standby Power	478KW/641HP
	Engine Configuration	6Cylinder In Line, 4Stroke, Direct Injection
	Gas Feeding Model	Turbocharged Air-Air after cooled
	Bore × Stroke	137 × 171 (MM)
	Displacement	15.2L
	Rated Speed	1500RPM
	Speed Governor	Electrical
	Starter Model	24V DC Start
	Fuel Consumption Prime Power (100% load)	114L/H
	Totally lubrication system Capacity	62L
	Coolant capacity	58L
	Cooling System	Water Cool
	Compression Ratio	16:1

Specification Of Alternator

Alternator	Alternator Model	STAFMORD HCI544C
	Manufacturer	STAMFORD company
	Prime Output	400KW/500KVA
	Standby Output	440KW/550KVA
	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	$\leq 1000\text{m}$
	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



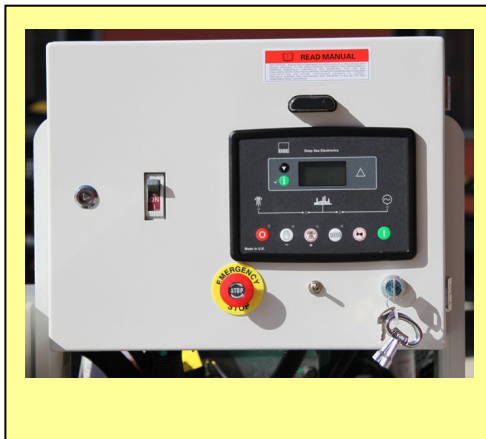
DEEPSEA 501K CONTROL MODEL/ MANUAL USE

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



**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



**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: