

Standard Features

MODEL	GB-P600
Standby Power(50Hz)	550KW/688KVA
Prime Power(50Hz)	500KW/625KVA
Engine	PERKINS 2806A-E18TAG1A
Alternator	STAMFORD HCI544FS

- **Engine(PERKINS UK 2806A-E18TAG1A)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAMFORD HCI544FS),**
- 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)
400/230	50	3	0.8	993	550/688	500/625
380/220	50	3	0.8	1046	550/688	500/625

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	390×160×220 CM
Net Weight/KG For Open Type	4300KGS
Dimension(L*W*H)/CM For Sound Proof Type	606×244×260 CM
Net Weight/KG For Sound Proof Type	6200KGS
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	2806A-E18TAG1A
	Manufacturer	PERKINS UK
	Emissions statement	EU2007(EU97/68/EC Stage II) EPA Tier 4Final(EPA 40 CFR Part 1039 Tier 4)
	Prime Power	522KW/699HP
	Standby Power	574KW/769HP
	Engine Configuration	6Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Turbocharged Air-Air after cooled
	Bore × Stroke	145 × 183 (MM)
	Displacement	18.1L
	Rated Speed	1500RPM
	Speed Governor	Electrical
	Starter Model	24V DC Start
	Fuel Consumption Prime Power (100% load)	134L/H
	Totally lubrication system Capacity	62L
	Coolant capacity	61L
	Cooling System	Water Cool
Compression Ratio	14.5:1	

Specification Of Alternator		
Alternator	Alternator Model	STAMFORD HCI544FS
	Manufacturer	STAMFORD company
	Prime Output	500KW/625KVA
	Standby Output	550KW/688KVA
	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 Standards	GB755,BS5000,VDE0530,NEMAMG1-22,IED34-1,CSA22.2 and AS1359	

Control Panel System



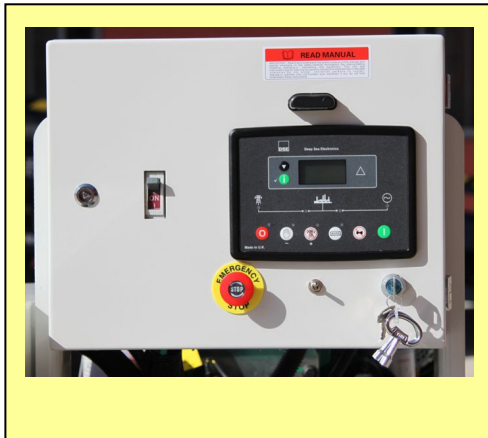
DEEPSEA501K CONTROL MODEL/ MANUAL USE

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. Alarm 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



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
6. With Remote Teleport Communication RS 485

Parameters of Operation: