

Standard Features	
MODEL	GB-P45
Standby Power(50Hz)	40KW/50KVA
Prime Power(50Hz)	36KW/45KVA
Engine	PERKINS 1103A-33TG1
Alternator	STAFMORD PI144K

- **Engine(PERKINS UK 1103A-33TG1)**
- Radiator 50°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAMFORD PI144K),**
- 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 $\phi$ )	Standby Amps	Standby Ratings (KW/KVA)	Prime Ratings (KW/KVA)
440/254	50	3	0.8	65.7	40/50	36/45
415/240	50	3	0.8	69.6	40/50	36/45
400/230	50	3	0.8	72.2	40/50	36/45
380/220	50	3	0.8	76	40/50	36/45

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	175×75×125 CM
Net Weight/KG For Open Type	750KGS
Dimension(L*W*H)/CM For Sound Proof Type	260×100×157 CM
Net Weight/KG For Sound Proof Type	1300KGS
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	1103A-33TG1
	Manufacturer	PERKINS UK
	Emissions statement	EU2007(EU97/68/EC Stage II ) EPA Tier 4Final(EPA 40 CFR Part 1039 Tier 4)
	Prime Power	41.5KW/55.6HP
	Standby Power	45.6KW/61.1HP
	Engine Configuration	3Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Turbocharged
	Bore × Stroke	105 × 127 (MM)
	Displacement	3.3L
	Rated Speed	1500RPM
	Speed Governor	Electrical
	Starter Model	12V DC Start
	Fuel Consumption Prime Power (100% load)	10.3L/H
	Totally lubrication system Capacity	7.9L
	Coolant capacity	10.2L
	Cooling System	Water Cool
Compression Ratio	17.25:1	

Specification Of Alternator		
Alternator	Alternator Model	PI144K
	Manufacturer	STAFMORD company
	Prime Output	36KW/45KVA
	Standby Output	40KW/50KVA
	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	≤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**



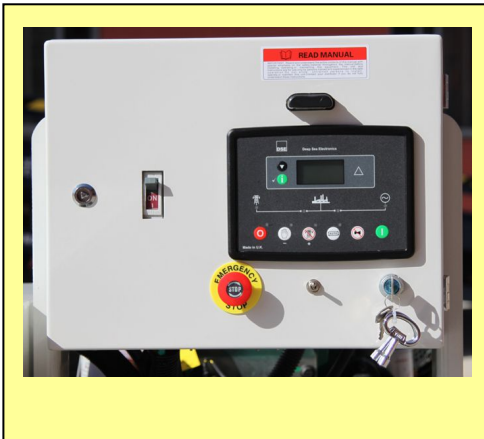
**DEEPSEA 501K CONTROL MODEL/ MANUAL**

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:**