

Standard Features

MODEL	GB-P50
Standby Power(50Hz)	44KW/55KVA
Prime Power(50Hz)	40KW/50KVA
Engine	PERKINS 1103A-33TG1
Alternator	STAFMORD UCI224D

- **Engine(PERKINS UK 1103A-33TG1)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAFMORD UCI224D),**
- 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)
440/254	50	3	0.8	72.2	44/55	40/50
415/240	50	3	0.8	76.5	44/55	40/50
400/230	50	3	0.8	79.4	44/55	40/50
380/220	50	3	0.8	83.7	44/55	40/50

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	800KGS
Dimension(L*W*H)/CM For Sound Proof Type	260×100×157 CM
Net Weight/KG For Sound Proof Type	1350KGS
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	UCI224D
	Manufacturer	STAMFORD company
	Prime Output	40KW/50KVA
	Standby Output	44KW/55KVA
	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



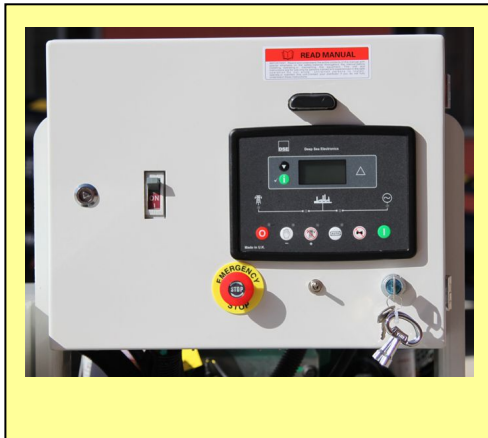
DEEPSEA 501K CONTROL MODEL/ MANUAL USE

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. 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: