Standard   Features

MODEL	GB-P100
Standby Power(50Hz)	88KW/110KVA
Prime Power(50Hz)	80KW/100KVA
Engine	PERKINS 1004C-44TAG2
Alternator	STAMFORD UCI274C

- **Engine(PERKINS 1004C-44TAG2)**
- Radiator 40℃ max, fans are driven by belt, with safety guard
- 24V charge alternator
  Alternator(STAMFORD UCI274C),
- 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
- Two12V batteries, rack and cable
- Ripple flex exhaust pipe, Exhaust siphon, flange, muffler
- Operation manual

Generator Set Ratings						
Voltage	Frequency	Phase	P.F (COS∅)	Standby Amps	Standby Ratings (KW/KVA)	Prime Ratings (KW/KVA)
440/254	50	3	0.8	144	88/110	80/100
415/240	50	3	0.8	153	88/110	80/100
400/230	50	3	0.8	159	88/110	80/100
380/220	50	3	0.8	167	88/110	80/100

Prime Power(PRP):Prime power is available for an unlimited number of annual hours in variable load application, in accordance with GB/T2820-97(eqvISO8528);A10%voerload 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	230×96×148 CM
Net Weight/KG For Open Type	1150KGS
Dimension(L*W*H)/CM For Sound Proof Type	320×116×184 CM
Net Weight/KG For Sound Proof Type	1700KGS
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	1004C-44TAG2
	Manufacturer	PERKINS
	Emissions statement	EU2007(EU97/68/EC Stage Ⅱ)
	Prime Power	91KW/122HP
	Standby Power	100KW/134HP
	Engine Configuration	4Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Turbocharged
	Bore×Stroke	100×127（MM）
	Displacement	5.99L
	Rated Speed	1500RPM
	Speed Governor	Electrical
	Starter Model	12V DC Start
	Fuel Consumption Prime Power (100% load)	22.6L/H
	Totally lubrication system Capacity	8.0L
	Coolant capacity	12.6L
	Cooling System	Water Cool
	Compression Ratio	18．2:1

Specification Of Alternator		
Alternator	Alternator Model	UCI274C
	Manufacturer	STAFMORD company
	Prime Output	80KW/100KVA
	Standby Output	88KW/110KVA
	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 Stands	GB755,BS5000,VDE0530,NEMAMG1-22,IED34-1,CSA22.2 and AS1359	

GB POWER® | Perkins®

Control Panel System

DEEPSEA501K 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:

1. Emergency Stop Button   2.Voltmeter and Selector Switch

3. Ammeter and Selector Switch   4. Frequency Meter

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: