



#### Standard Features

MODEL	GB-P1250
Standby Power(50Hz)	1100KW/1375KVA
Prime Power(50Hz)	1000KW/1250KVA
Engine	PERKINS 4012-46TWG2A
Alternator	STAFMORD LVI634G/1250KVA

### Engine(PERKINS UK4012-46TWG2A)

- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator

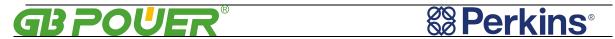
## Alternator(LVI634G/1250KVA),

- 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)
415/240	50	3	0.8	1913	1100/1375	1000/1250
400/230	50	3	0. 8	1985.5	1100/1375	1000/1250

Prime Power(PRP):Prime power is available for an unlimited number of annual hours in variable load application, in accordance with GB/T2820-97(eqvlSO8528);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	560*200*245			
Net Weight/KG For Open Type	9500KGS			
Dimension(L*W*H)/CM For Sound Proof Type	1200×235×320CM			
Net Weight/KG For Sound Proof Type	13000KGS			
Dimension (L*W*H)/MM For Trailer Type				
Net Weight/KG For Trailer Type				

	Specification	Of Engine
	Engine Model	4012-46TWG2
	Manufacturer	PERKINS UK
	Emissions statement	EU2007(EU97/68/EC Stage II )
		EPA Tier 4Final(EPA 40 CFR Part 1039 Tier 4)
	Prime Power	1044KW/1400HP
	Standby Power	1155KW/1548HP
	Engine Configuration	12Cylinder In Line, 4Stroke, Direct Injection
	Gas Feeding Model	Turbocharged Air-Air after cooled
Engine	Bore × Stroke	160×190 (MM)
	Displacement	45.842L
	Rated Speed	1500RPM
	Speed Governor	Electrical
	Starter Model	24V DC Start
	Fuel Consumption Prime	260L/H
	Power (100% load)	
	Totally lubrication system	177.6L
	Capacity	
	Coolant capacity	196L
	Cooling System	Water Cool
	Compression Ratio	13.6:1





	Specification O	f Alternator		
	Alternator Model	LVI634G		
	Manufacturer	New Age Stamford company		
	Prime Output	1000KW/1250KVA		
	Standby Output	1100KW/1375KVA		
	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	Н		
	Altitude	≤1000m		
	Voltage Regulation,	≤±1%		
	Steady State			
	Telephone	<50		
Alternator	Influence Factor			
	Sudden Voltage Warp	<±1%		
	(100% Sudden Reduce)			
	Sudden Voltage Warp	≤±25%		
	(Sudden Increase)			
	Voltage Stable Time	≤6S		
	(100% Sudden Reduce)			
	Voltage Stable Time	≤6S		
	(Sudden Increase)			
	Frequency Reduce	0-5% adjustable		
	Frequency Regulation,	≤1.5%		
	Stead State			
	Frequency Waving	≤0.8%		
	Sudden Frequency Warp	<b>≤+12%</b>		
	(100% Sudden Reduce)			
	Sudden Frequency Warp	<-10%		
	(100% Sudden Increase)			
	Frequency Recovery Time	≤5S		
	(100% Sudden Reduce)			
	Frequency Recovery Time	≤5S		
	(Sudden Increase)			
Compliance GB755,BS5000,VDE0530,NEMAMG1-22,IED34-1,CSA22.2 and AS1359				
Stands				





## **Control Panel System**



#### DEEPSEA501K 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:

- Emergency Stop Button 2.Voltmeter and Selector Switch
- 3. Ammeter and Selector Switch 4. Frequency Meter
- Hour Running Meter6.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
- Over Crank Shutdown
- 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
- Over Speed Shutdown
- Over Crank Shutdown
- Protection as Emergent Stop

#### Parameters of Operation:

Digital type, all function showed by LED