

**Standard Features**

MODEL	GB-P1650
Standby Power(50Hz)	1452KW/1815KVA
Prime Power(50Hz)	1320KW/1650KVA
Engine	PERKINS 4012-46TAG3A
Alternator	STAMFORD PI734D/1650KVA

- **Engine(PERKINS UK 4012-46TAG3A)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(PI734D/1650KVA ),**
- 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 $\phi$ )	Prime Amps	Standby Ratings (KW/KVA)	Prime Ratings (KW/KVA)
415/240	50	3	0.8	2525	1452/1815	1320/1650
400/230	50	3	0.8	2621	1452/1815	1320/1650
380/220	50	3	0.8	2510	1452/1815	1320/1650

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	510*220*245
Net Weight/KG For Open Type	9200KGS
Dimension(L*W*H)/CM For Sound Proof Type	1200×235×268CM
Net Weight/KG For Sound Proof Type	14800KGS
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	4012-46TAG3A
	Manufacturer	PERKINS UK
	Emissions statement	EU2007(EU97/68/EC Stage II )
	Prime Power	1500KW/2203HP
	Standby Power	1643KW/2012HP
	Engine Configuration	12Cylinder 60 ° Vee Form, 4Stroke,Direct Injection
	Gas Feeding Model	Turbocharged Air to Air Charge cooled
	Bore × Stroke	160 × 190 (MM)
	Displacement	45.842L
	Rated Speed	1500RPM
	Speed Governor	Electrical
	Starter Model	24V DC Start
	Fuel Consumption (Base Load Power)	310L/H
	Fuel Consumption Prime Power (75% load)	275L/H
	Totally lubrication system Capacity	210L
	Coolant capacity	196L
	Cooling System	Water Cool
Compression Ratio	13.6:1	

Specification Of Alternator		
Alternator	Alternator Model	PI734D
	Manufacturer	New Age Stamford company
	Prime Output	1320KW/1650KVA
	Standby Output	1452KW/1815KVA
	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 Standards	GB755, BS5000, VDE0530, NEMAMG1-22, IED34-1, CSA22.2 and AS1359	

**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:**

1. Emergency Stop Button
2. Voltmeter and Selector Switch
3. Ammeter and Selector Switch
4. Frequency Meter
5. Hour Running Meter
6. 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
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

**Parameters of Operation:**

Digital type, all function showed by LED