

Standard Features

MODEL	GB-P1850
Standby Power(50Hz)	1628KW/2035KVA
Prime Power(50Hz)	1480KW/1850KVA
Engine	PERKINS 4016-TAG1A
Alternator	STAMFORD PI734E/1850KVA

- **Engine(PERKINS UK 4016-TAG1A)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(PI734E/1850KVA),**
- 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 ϕ)	Prime Amps	Standby Ratings (KW/KVA)	Prime Ratings (KW/KVA)
415/240	50	3	0.8	2831	1628/2035	1480/1850
400/230	50	3	0.8	2939	1628/2035	1480/1850
380/220	50	3	0.8	3095	1628/2035	1480/1850

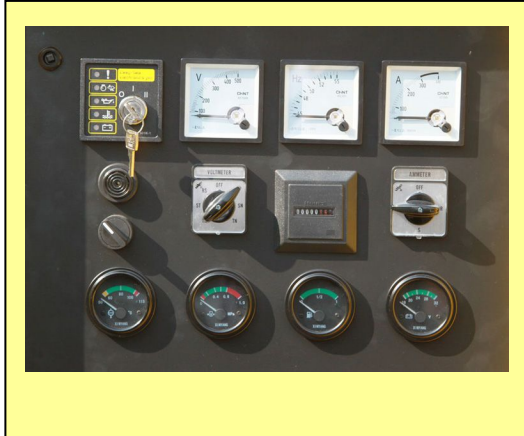
Prime Power(PRP): Prime power is available for an unlimited number of annual hours in variable load application, in accordance with GB/T2820-97 (equiv ISO8528); A 10% overload capability is available for a period of 1 hour within a 12-hour period of operation. Standby Power Rating (ESP): The standby power rating is applicable for supplying emergency

Dimension Of Generator Set	
Dimension(L*W*H)/CM For Open Type	520*220*245
Net Weight/KG For Open Type	9800KGS
Dimension(L*W*H)/CM For Sound Proof Type	1200×235×268CM
Net Weight/KG For Sound Proof Type	16500KGS
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	4016-61TRG2
	Manufacturer	PERKINS UK
	Emissions statement	EU2007(EU97/68/EC Stage II) EPA Tier 4Final(EPA 40 CFR Part 1039 Tier 4)
	Prime Power	1500KW/2203HP
	Standby Power	1643KW/2012HP
	Engine Configuration	16Cylinder 60 ° Vee Form, 4Stroke,Direct Injection
	Gas Feeding Model	Turbocharged Air-Air after cooled
	Bore × Stroke	160 × 190 (MM)
	Displacement	45.842L
	Rated Speed	1500RPM
	Speed Governor	Electrical
	Starter Model	24V DC Start
	Fuel Consumption Prime Power (100% load)	370L/H
	Totally lubrication system Capacity	210L
	Coolant capacity	196L
	Cooling System	Water Cool
Compression Ratio	13.6:1	

Specification Of Alternator		
Alternator	Alternator Model	PI734E
	Manufacturer	New Age Stamford company
	Prime Output	1520KW/1900KVA
	Standby Output	1672KW/2090KVA
	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



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. 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



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