

**Standard Features**

MODEL	GB-P20
Standby Power(50Hz)	17.6KW/22KVA
Prime Power(50Hz)	16KW/20KVA
Engine	PERKINS 404A-22G
Alternator	STAFMORD PI144D

- **Engine(PERKINS UK 404A-22G)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAMFORDPI144D),**
- 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
- Two12V batteries, rack and cable
- Ripple flex exhaust pipe, Exhaust siphon, flange, muffler
- Operation manual



Generator Set Ratings						
Voltage	Frequency	Phase	P.F (COS $\phi$ )	Standby Amps	Standby Ratings (KW/KVA)	Prime Ratings (KW/KVA)
440/254	50	3	0.8	28.8	17.6/22	16/20
415/240	50	3	0.8	30.6	17.6/22	16/20
400/230	50	3	0.8	31.8	17.6/22	16/20
380/220	50	3	0.8	33.4	17.6/22	16/20

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	145×65×120 CM
Net Weight/KG For Open Type	450KGS
Dimension(L*W*H)/CM For Sound Proof Type	215×100×127 CM
Net Weight/KG For Sound Proof Type	890KGS
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	404A-22G
	Manufacturer	PERKINS UK
	Emissions statement	EU2007(EU97/68/EC Stage II ) EPA Tier 4Final(EPA 40 CFR Part 1039 Tier 4)
	Prime Power	18.5KW/16HP
	Standby Power	20.3KW/17.8HP
	Engine Configuration	4Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Natural Aspiration
	Bore × Stroke	84 × 100 (MM)
	Displacement	2.216L
	Rated Speed	1500RPM
	Speed Governor	Mechanical
	Starter Model	12V DC Start
	Fuel Consumption Prime Power (100% load)	6.2L/H
	Totally lubrication system Capacity	10.6L
	Coolant capacity	7.0L
	Cooling System	Water Cool
Compression Ratio	23.3:1	

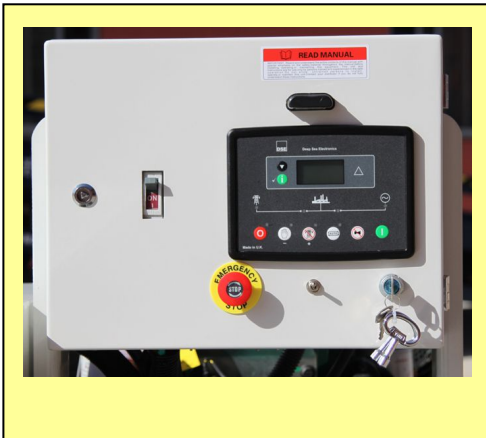
Specification Of Alternator		
Alternator	Alternator Model	PI144D
	Manufacturer	STAFMORD company
	Prime Output	16KW/20KVA
	Standby Output	17.6KW/22KVA
	Excitation Model	Brushless, Self-Exciting
	Cooling Method	Air Cooling
	Connection Type	3 Phase and 12 Wires "Star" Connection
	Power Factor	0.8
	Protection 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 OR**  
 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 Meter6.Alart Buzzer

**Control Panel System**



**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

**Control Panel System**



**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:**  
 Digital type, all function showed by LED