

Standard Features

| MODEL | GB-P20 |
|---------------------|------------------|
| Standby Power(60Hz) | 19.4KW/24KVA |
| Prime Power(60Hz) | 17.6KW/22KVA |
| Engine | PERKINS 404D-22G |
| Alternator | STAMFORD PI144D |

- **Engine(PERKINS.UK 404D-22G)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAMFORD PI144D),**
- 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) | Standby Amps | Standby Ratings (KW/KVA) | Prime Ratings (KW/KVA) |
| 480/277 | 60 | 3 | 0.8 | 26.5 | 17.6/22 | 16/20 |
| 460/266 | 60 | 3 | 0.8 | 27.6 | 17.6/22 | 16/20 |
| 440/254 | 60 | 3 | 0.8 | 28.9 | 17.6/22 | 16/20 |
| 416/240 | 60 | 3 | 0.8 | 30.6 | 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 (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 | 145×65×120 CM |
| Net Weight/KG For Open Type | 450KG |
| Dimension(L*W*H)/CM For Sound Proof Type | 215×100×127 CM |
| Net Weight/KG For Sound Proof Type | 890KG |
| Dimension (L*W*H)/MM For Trailer Type | |
| Net Weight/KG For Trailer Type | |

| Specification Of Engine | | |
|-------------------------|--|---|
| Engine | Engine Model | 404D-22G |
| | Manufacturer | PERKINS UK |
| | Emissions statement | EU2007(EU97/68/EC Stage II) |
| | Prime Power | 21.6KW/28.9HP |
| | Standby Power | 23.9KW/32HP |
| | Engine Configuration | 4Cylinder In Line, 4Stroke,Direct Injection |
| | Gas Feeding Model | Natural Aspiration |
| | Bore×Stroke | 84×100 (MM) |
| | Displacement | 2.216L |
| | Rated Speed | 1800RPM |
| | Speed Governor | Mechanical |
| | Starter Model | 12V DC Start |
| | Fuel Consumption Prime Power (100% load) | 6.9L/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 | STAMFORD company |
| | Prime Output | 20KW/25KVA |
| | Standby Output | 22KW/27.5KVA |
| | 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



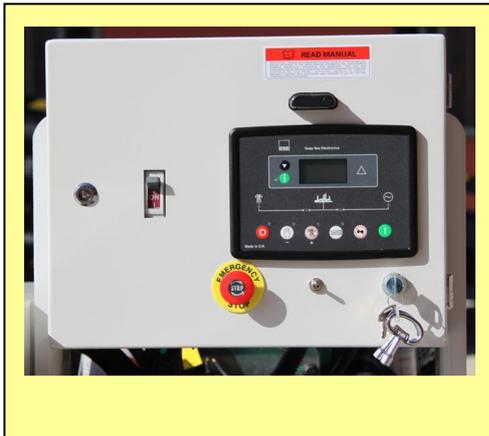
DEEPSEA501K CONTROL MODEL/ MANUAL USE

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
- 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



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: