

Standard Features

| MODEL | GB-P700 |
|---------------------|----------------------|
| Standby Power(50Hz) | 616KW/770KVA |
| Prime Power(50Hz) | 560KW/700KVA |
| Engine | PERKINS 4006-23TAG2A |
| Alternator | STAMFORD LVI634B |

- **Engine(PERKINS UK 4006-23TAG2A)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAMFORD LVI634B),**
- 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
- 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) |
| 440/254 | 50 | 3 | 0.8 | 1011 | 616/770 | 560/700 |
| 415/240 | 50 | 3 | 0.8 | 1073 | 616/770 | 560/700 |
| 400/230 | 50 | 3 | 0.8 | 1112 | 616/770 | 560/700 |
| 380/220 | 50 | 3 | 0.8 | 1071 | 616/770 | 560/700 |

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 | 460×180×225A CM |
| Net Weight/KG For Open Type | 5900KGS |
| Dimension(L*W*H)/CM For Sound Proof Type | 606×244×260 CM |
| Net Weight/KG For Sound Proof Type | 7300KGS |
| Dimension (L*W*H)/MM For Trailer Type | |
| Net Weight/KG For Trailer Type | |

| Specification Of Engine | | |
|-------------------------|--|--|
| Engine | Engine Model | 4006-23TAG2A |
| | Manufacturer | PERKINS UK |
| | Emissions statement | EU2007(EU97/68/EC Stage II) EPA Tier 4Final(EPA 40 CFR Part 1039 Tier 4) |
| | Prime Power | 620KW/831HP |
| | Standby Power | 685KW/918HP |
| | Engine Configuration | 6Cylinder In Line, 4Stroke,Direct Injection |
| | Gas Feeding Model | Turbocharged Air-Air after cooled |
| | Bore× Stroke | 160× 190 (MM) |
| | Displacement | 22.92L |
| | Rated Speed | 1500RPM |
| | Speed Governor | Electrical |
| | Starter Model | 24V DC Start |
| | Fuel Consumption Prime Power (100% load) | 157L/H |
| | Totally lubrication system Capacity | 113.4L |
| | Coolant capacity | 105L |
| | Cooling System | Water Cool |
| Compression Ratio | 13.6:1 | |

| Specification Of Alternator | | |
|---|--|--|
| Alternator | Alternator Model | LVI634B |
| | Manufacturer | STAMFORD company |
| | Prime Output | 600KW/750KVA |
| | Standby Output | 660KW/825KVA |
| | 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



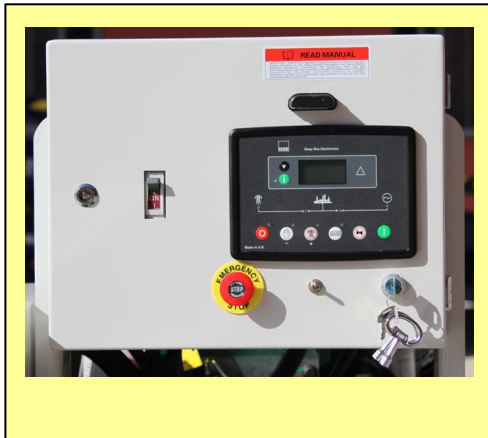
DEEPSEA501K CONTROL MODEL/ MANUAL USE

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: