

| Standard Features   |                       |
|---------------------|-----------------------|
| MODEL               | GB-D45                |
| Standby Power(60Hz) | 40KW/50KVA            |
| Prime Power(60Hz)   | 36KW/45KVA            |
| Engine              | AIR COOL DEUTZ F4L913 |
| Alternator          | GB POWER GB-PI144H    |

- **Engine(AIR COOL DEUTZ F4L913)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(GB POWER GB-PI144H)**
- 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 (V)           | Frequency | Phase | P.F (COS $\phi$ ) | Standby Amps | Standby Ratings (KW/KVA) | Prime Ratings (KW/KVA) |
| 220/127V              | 60        | 3     | 0.8               | 131          | 40/50                    | 36/45                  |
|                       |           |       |                   |              |                          |                        |
|                       |           |       |                   |              |                          |                        |
|                       |           |       |                   |              |                          |                        |

**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        | 180×80×126CM   |
| Net Weight/KG For Open Type              | 850 KG         |
|  |                |
| Dimension(L*W*H)/CM For Sound Proof Type | 210×106×116 CM |
| Net Weight/KG For Sound Proof Type       | 1050KG         |
|  |                |
| Dimension (L*W*H)/MM For Trailer Type    |                |
| Net Weight/KG For Trailer Type           |                |

| Specification Of Engine |  |   |    |
|-------------------------|--|---|----|
| Engine                  | Engine Model                               | F4L913                                      |    |
|                         | Manufacturer                               | DEUTZ                                       |    |
|                         | Prime Power                                | 40KW/54HP                                   |    |
|                         | Standby Power                              | 45KW/60HP                                   |    |
|                         | Engine Configuration                       | 4Cylinder In Line, 4Stroke,Direct Injection |    |
|                         | Gas Feeding Model                          | Turbo-charged                               |    |
|                         | Bore× Stroke                               | 102×125(MM)                                 |    |
|                         | Displacement                               | 3.77  |    |
|                         | Rated Speed                                | 1500RPM                                     |    |
|                         | Direction of rotation                      | Clockwise                                   |    |
|                         | Governing                                  | Mechanical                                  | 5% |
|                         |  | Electronic                                  | 1% |
|                         | Starter Model                              | 12/24V DC Start                             |    |
|                         | Fuel Consumption Standby Power (110% load) | 228 G/KW.H                                  |    |
|                         | Fuel Consumption Prime Power (100% load)   | 228 G/KW.H                                  |    |
|                         | Compression Ratio                          | 17:1  |    |
|                         | Lubricating oil consumption                | 1%  |    |
|                         | Cooling System                             | Air Cool                                    |    |
|                         | Combustion Air Flow                        | 3.61 M <sup>3</sup> /MIN                    |    |
|                         | Air Consumption                            |   |    |
| Exhaust Gas Flow        | 3.71M <sup>3</sup> /MIN                    |   |    |
| Exhaust Gas Temperature | 550  |   |    |

**Specification Of Alternator**

|  |  |  |
|--|--|--|
| Alternator   | Alternator Model                             | GB-PI144H                              |
|  | Manufacturer                                 | STAMFORD company                       |
|  | Prime Output                                 | 36KW/45KVA                             |
|  | Standby Output                               | 40KW/50KVA                             |
|  | 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 GB755,BS5000,VDE0530,NEMAMG1-22,IED34-1,CSA22.2 and AS1359 Stands |  |  |



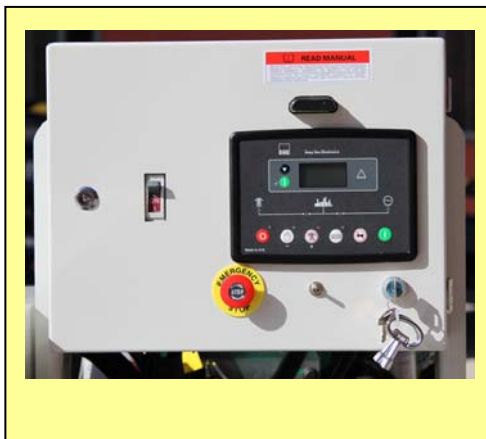
### DEEPSEA501K CONTROL MODEL/ MANUAL USE

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.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
6. With Reomote Telecommunicatipon RS 485

#### Parameters of Operation: