



## KZR-T150 DIESEL GENERATOR SET / 50Hz

| OUTPUT RATINGS |     | 50Hz / 400V |  |
|----------------|-----|-------------|--|
| STAND BY POWER | kVA | 150         |  |
|                | kW  | 120         |  |
| PRIME POWER    | kVA | 136         |  |
|                | kW  | 108         |  |

| ENGINE (ESP -STAND-BY)         |               |
|--------------------------------|---------------|
| Manufacturer                   | RICARDO       |
| Origin                         | CHINA         |
| Model                          | R6105AZLD     |
| No of Cylinder / Configuration | 6 / IN LINE   |
| Displacement (lt)              | 6.75          |
| Bore / Stroke (mm)             | 105 / 130     |
| Cycle                          | 4             |
| Compression Ratio              | 16.00: 1      |
| Aspiration                     | Turbo charged |
| Governor Type                  | ELECTRONIC    |
| Cooling System                 | WATER         |
| Coolant Capacity (lt)          | 25            |
| Lubrication Oil Capacity (lt)  | 18            |
| Injection                      | Direct        |
| Speed / Frequency              | 1500 / 50Hz   |
| Engine Gross Power (kWm)       | 121           |
| Fuel Consumption (gr/kWxh)     | %100 218      |



Emergency Standby Power (ESP)

Output available with varying load for the duration of an emergency outage. Average power output is 70% of the emergency standby power rating. Typical operation is 50 hours per year with maximum expected usage of 200 hours per year.

### Prime Power

Prime power is defined as being the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load. Average load should be 70%.





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### ALTERNATOR

|                                    |                |
|------------------------------------|----------------|
| Manufacturer                       | GENTECH        |
| Origin                             | TURKEY         |
| No of Phase                        | 3              |
| Power Factor                       | cosφ 0,8       |
| Number of Bearing                  | SINGLE         |
| No of Poles                        | 4              |
| No of Leads                        | 12             |
| Voltage Regulation ( Steady State) | ± %1           |
| Insulation Class                   | H              |
| Degree of Protection               | IP 21/23       |
| Excitation System                  | AVR ,Brushless |
| Connection Type                    | STAR           |
| Total Harmonic Content (No Load)   | < %2           |
| Frequency (Hz)                     | 50             |
| Voltage Output (VAC)               | 230 / 400      |
| Efficiency ( %)                    | %93.8          |



**Chassis** - Mounted on the steel base  
 chassis - Fuel tank is located in the chassis  
 chassis - Mechanical fuel indicator -  
 Rubber brackets that prevent vibration

**Sound-proof canopy** - Special design for minimizing acoustic level - Special type muffler and heat insulation -Acoustic insulation with rot-proof,moisture-repellent and non-flammable material

| DIMENSIONS | W x L x H (mm) | Weight (kg) | Fuel Tank (lt) | Noise dB(A) |
|------------|----------------|-------------|----------------|-------------|
| CANOPIED   | 1100x3000x1800 | 1700        | 250            | TBA         |
| OPEN SET   | 1100x2200x1700 | 1390        | 250            | TBA         |

### CONTROL UNIT

STANDART: DATAKOM DKG 309



OPTION : Deepsea



KZ POWER reserves the right to amend details and specifications without notice.