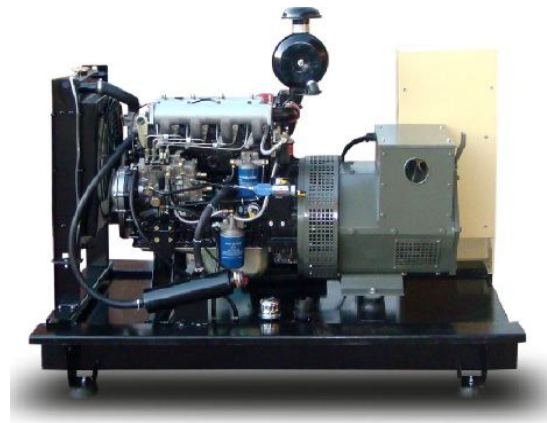




KZR-T25 DIESEL GENERATOR SET / 50Hz

| OUTPUT RATINGS | | 50Hz / 400V | |
|----------------|-----|-------------|--|
| STAND BY POWER | kVA | 25 | |
| | kW | 20 | |
| PRIME POWER | kVA | 22 | |
| | kW | 17.5 | |

| ENGINE (ESP -STAND-BY) | |
|--------------------------------|-------------|
| Manufacturer | RICARDO |
| Origin | CHINA |
| Model | 490 |
| No of Cylinder / Configuration | 4 / IN LINE |
| Displacement (lt) | 2.545 |
| Bore / Stroke (mm) | 90 / 100 |
| Cycle | 4 |
| Compression Ratio | 18.00: 1 |
| Aspiration | Natural |
| Governor Type | MECHANICAL |
| Cooling System | WATER |
| Coolant Capacity (lt) | 9 |
| Lubrication Oil Capacity (lt) | 13 |
| Injection | Direct |
| Speed / Frequency | 1500 / 50Hz |
| Engine Gross Power (kWm) | 21 |
| Fuel Consumption (gr/kWxh) | %100 243 |



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%.



KZR-T25 DIESEL GENERATOR SET / 50Hz

ALTERNATOR

| | |
|------------------------------------|----------------|
| Manufacturer | GENTECH |
| Origin | TURKEY |
| No of Phase | 3 |
| Power Factor | $\cos\phi$ 0,8 |
| Number of Bearing | SINGLE |
| No of Poles | 4 |
| No of Leads | 12 |
| Voltage Regulation (Steady State) | \pm %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 - 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 | 900x2200x1500 | 500 | 150 | TBA |
| OPEN SET | 650x1400x1300 | 450 | 150 | TBA |

CONTROL UNIT

STANDART: DATAKOM DKG 309

OPTION : Deepsea



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