

KZV-G275 DIESEL GENERATOR SET / 50Hz




Emergency Standby Power (ESP)

These ratings are applicable for supplying continuous electrical power (at variable load). There is 200 operation hours/year limitation and this model can supply 10% overload power for 1 hour in 12 hours.

Prime Power

These ratings are applicable for supplying continuous electrical power (at variable load). No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO 8528-3)

OUTPUT RATINGS

50 Hz / 400V

| | |
|---------------|---------|
| Standby Power | 275 kVA |
| | 220 KW |
| Prime Power | 250 kVA |
| | 200 KW |

ENGINE (ESP -STAND-BY)

| | |
|--------------------------------|--------------|
| Manufacturer | VOLVO |
| Origin | SWEDEN |
| Model | TAD734GE |
| No of Cylinder / Configuration | 6 / IN LINE |
| Displacement (lt) | 7,15 |
| Bore / Stroke (mm) | 108 / 130 |
| Cycle | 4 |
| Compression Ratio | 17: 1 |
| Aspiration | Turbocharged |
| Governor Type | Electronical |
| Cooling System | Water |
| Coolant Capacity (lt) | 42 |
| Lubrication Oil Capacity (lt) | 29 |
| Injection | Direct |
| Speed / Frequency | 1500 / 50 Hz |
| Engine Gross Power (kWm) | 213 |
| Fuel Consumption (lt) | 100% 51 |
| | 50% 29 |

ALTERNATOR

| | |
|----------------------------------|----------------|
| Manufacturer | GENTECH |
| Origin | TURKEY |
| Model | GNT275 |
| No of Phase | 3 |
| Power Factor | cos 0,8 |
| Number of Bearing | SINGLE |
| No of Poles | 4 |
| No of Leads | 12 |
| Voltage Regulation (SteadyState) | ± %0,5 |
| 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 (PF 0,8 / %75 Load) | %93,5 |



Sound Proof Canopy

Special design for minimizing acoustic level
Galvanised steel construction further protected by polyester powdercoat paint
Black finish stainless steel locks and hinges
Control panel viewing window in a lockable access door
Emergency stop push button (red) mounted on enclosure exterior
Lifting, drag and jacking points on base frame
Radiato fill via removable, flush mounted rain cap fitted with compression seal
Acoustic insulation with moisture-repellent and non-flammable material

| Dimintions | WxLxH | Weight | Fuel Tank | Noise |
|------------|----------------|--------|-----------|-------|
| | mm | kg | lt | db(A) |
| CANOPIED | 1110x3950x2170 | 3450 | 400 | |
| OPEN SET | 1094x2570x1765 | 2700 | 400 | |

CONTROL UNIT

STANDART: Datakom D300

OPTIONAL: Datakom D500

