

KZP-6G500 DIESEL GENERATOR SET / 60Hz



OUTPUT RATINGS

60 Hz / 480V

| | |
|---------------|---------|
| Standby Power | 500 kVA |
| | 400 KW |
| Prime Power | 438 kVA |
| | 350 KW |

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)

ENGINE (ESP -STAND-BY)

| | |
|--------------------------------|---------------|
| Manufacturer | PERKINS |
| Origin | UK |
| Model | 2206A-E13TAG6 |
| No of Cylinder / Configuration | 6 / IN LINE |
| Displacement (lt) | 12,5 |
| Bore / Stroke (mm) | 130 / 157 |
| Cycle | 4 |
| Compression Ratio | 16.3:1 |
| Aspiration | Turbo |
| Governor Type | Electronic |
| Cooling System | Water |
| Coolant Capacity (lt) | 51 |
| Lubrication Oil Capacity (lt) | 40 |
| Injection | Direct |
| Speed / Frequency | 1800 / 60 Hz |
| Engine Gross Power (kWm) | 407 |
| Fuel Consumption (lt/h) | 100% 91 |
| | 50%48 |

ALTERNATOR

| | |
|-----------------------------------|----------------|
| Manufacturer | GENTECH |
| Origin | TURKEY |
| Model | GNT-500 |
| No of Phase | 3 |
| Power Factor | cos 0,8 |
| Number of Bearing | SINGLE |
| No of Poles | 4 |
| No of Leads | 12 |
| Voltage Regulation (Steady State) | ± 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) | 60 |
| Voltage Output (VAC) | 220 / 480 |
| Efficiency (%) | 90,2 |

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

Dimensions

| | WxLxH | Weight | Fuel Tank | Noise |
|----------|----------------|--------|-----------|-------|
| | mm | kg | lt | db(A) |
| CANOPIED | 1500x4600x2810 | 4786 | 650 | |
| OPEN SET | 1500x3500x2170 | 3886 | 650 | |

CONTROL UNIT

STANDART: Datakom D300

OPTIONAL: Datakom D500



KZ POWER reserves the right to amend details and specifications without notice.
Images for illustration purposes only. Generating set may include optional accessories.



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