



KZDO-M710 DIESEL GENERATOR SET / 50Hz

| OUTPUT RATINGS | 50 Hz / 400V |
|----------------|--------------|
| Standby Power | 710 kVA |
| | 568 KW |
| Prime Power | 640 kVA |
| | 512 KW |

| ENGINE (ESP -STAND-BY) | |
|--------------------------------|--------------|
| Manufacturer | DOOSAN |
| Origin | SOUTH KOREA |
| Model | DP180LB |
| No of Cylinder / Configuration | 10 / V TYPE |
| Displacement (lt) | 18,273 |
| Bore / Stroke (mm) | 128 / 142 |
| Cycle | 4 |
| Compression Ratio | 15.00 :1 |
| Aspiration | Turbocharged |
| Governor Type | Electronic |
| Cooling System | Water |
| Coolant Capacity (lt) | 112 |
| Lubrication Oil Capacity (lt) | 34 |
| Injection | Direct |
| Speed / Frequency | 1500 / 50 Hz |
| Engine Power (kWm) | 612 |
| Fuel Consumption (l/h) | 100% 136,4 |
| | 50% 71,2 |



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

Emergency Standby Power (ESP)

These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation 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) in the event of a utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO 8528-3)



ALTERNATOR

| | |
|----------------------------------|----------------|
| Manufacturer | MECC ALTE |
| Origin | ITALY |
| Model | ECO 40-2L/4 |
| No of Phase | 3 |
| Power Factor | cos 0,8 |
| Number of Bearing | SINGLE |
| No of Poles | 4 |
| No of Leads | 12 |
| Voltage Regulation (SteadyState) | ± %1 |
| Insulation Class | H |
| Degree of Protection | IP 22/23 |
| Excitation System | AVR, Brushless |
| Connection Type | Y Type |
| Total Harmonic Content (No Load) | < %3 |
| Frequency (Hz) | 50 |
| Voltage Output (VAC) | 230 / 400 |
| Efficiency (%) | %94 |

| Dimensions | WxLxH | Weight | Fuel Tank | Noise |
|------------|----------------|--------|-----------|-------|
| | mm | kg | lt | db(A) |
| CANOPIED | 1606x5297x2656 | 5935 | 850 | |
| OPEN SET | 1550x3470x2157 | 4940 | 850 | |

CONTROL UNIT

STANDART: Datakom309

OPTIONAL: Deepsea



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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