



## MJP SERIES 2000-2500 kVA

### TECHNICAL SPECIFICATIONS

| GENERATOR GROUP                |                     | MJP2000               | MJP2250               | MJP2500               |
|--------------------------------|---------------------|-----------------------|-----------------------|-----------------------|
| <b>MODEL</b>                   |                     |                       |                       |                       |
| Stand By Power                 | kVA                 | 2000                  | 2250                  | 2500                  |
|                                | kW                  | 1600                  | 1800                  | 2000                  |
| Prime Power                    | kVA                 | 1818.2                | 2045.5                | 2250                  |
|                                | kW                  | 1454.5                | 1636.3                | 1800                  |
| <b>DIESEL ENGINE</b>           |                     | <b>PERKINS</b>        |                       |                       |
| <b>BRAND</b>                   |                     | 4016-61TRG1           | 4016-61TRG2           | 4016-61TRG3           |
| Model                          |                     |                       |                       |                       |
| Engine Power - Stand By        | kW                  | 1774                  | 1984                  | 2183                  |
| Engine Power - Prime           | kW                  | 1612.7                | 1803.6                | 1985                  |
| Engine Speed (rpm)             |                     | 1500                  | 1500                  | 1500                  |
| Number of Cylinder             |                     | 16-60° V              | 16-60° V              | 16-60° V              |
| Displacement (lt)              |                     | 61.12                 | 61.12                 | 61.12                 |
| Bore x Stroke (mm)             |                     | 160x190               | 160x190               | 160x190               |
| Compression Rate               |                     | 13.6:1                | 13.6:1                | 13.6:1                |
| Governor Type                  |                     | Electronic            | Electronic            | Electronic            |
| Induction                      |                     | TurboŞarj-Intercooler | TurboŞarj-Intercooler | TurboŞarj-Intercooler |
| Combustion System              |                     | Direct Injection      | Direct Injection      | Direct Injection      |
| Cooling System                 |                     | Water Cooled          | Water Cooled          | Water Cooled          |
| Lubrication Oil Capacity (lt)  |                     | 213                   | 213                   | 213                   |
| Coolant Capacity (lt)          |                     | 316                   | 316                   | 316                   |
| Fuel Tank Capacity (lt)        |                     | 3000                  | 3500                  | 4000                  |
| Fuel Consumption<br>lt / h     | 100% of Prime Power | 385                   | 422                   | 470                   |
|                                | 75% of Prime Power  | 303                   | 318                   | 344                   |
|                                | 50% of Prime Power  | 198                   | 216                   | 234                   |
| <b>ALTERNATOR</b>              |                     |                       |                       |                       |
| Output Voltage (V)             |                     | 400/230               |                       |                       |
| Power Factor                   |                     | 0.8                   |                       |                       |
| Number of Poles                |                     | 4                     |                       |                       |
| Frequency (Hz)                 |                     | 50                    |                       |                       |
| Voltage Regulation             |                     | ±%0,5                 |                       |                       |
| Connection Type                |                     | Star                  |                       |                       |
| <b>DIMENSIONS &amp; WEIGHT</b> |                     |                       |                       |                       |
| Canopy Dimensions              | mm (WxDxH)          | N/A                   | N/A                   | N/A                   |
| Canopy Weight                  | kg                  | N/A                   | N/A                   | N/A                   |
| Open Dimensions                | mm (WxDxH)          | N/A                   | N/A                   | N/A                   |
| Open Weight                    | kg                  | N/A                   | N/A                   | N/A                   |

Aytemiz-Makelsan reserves the right to make changes in model, specification, color, equipment and accessories without prior notice.  
N/A: These dimensions and weights may change depending upon the characteristics of the project.

Aytemiz Jeneratör A.Ş.

İzmir Office: Halkapınar Mah. 1348 Sok. 2AE Keremoğlu İş Merkezi Yenişehir/İzmir

T : 0232 469 47 00 E : info@elektroiz.com.tr

Headquarter : İstanbul Deri OSB Alsancak Sk. No: 8/A, 34956 Tuzla - İstanbul / Turkey

T : +90 (216) 428 65 80 E : jenerator@makelsan.com.tr

info@elektroiz.com.tr www.elektroiz.com.tr