



## MJR SERIES 165-200 kVA

### TECHNICAL SPECIFICATIONS

| GENERATOR GROUP               |                     | MJR0165                  | MJR0175                  | MJR0200                  |
|-------------------------------|---------------------|--------------------------|--------------------------|--------------------------|
| <b>MODEL</b>                  |                     |                          |                          |                          |
| Stand By Power                | kVA                 | 165                      | 175                      | 200                      |
|                               | kW                  | 132                      | 140                      | 160                      |
| Prime Power                   | kVA                 | 150                      | 159                      | 181.9                    |
|                               | kW                  | 120                      | 126.4                    | 145.5                    |
| DIESEL ENGINE                 |                     | RICARDO                  |                          |                          |
| <b>BRAND</b>                  |                     |                          |                          |                          |
| Model                         |                     | R6105IZLD                | R6105IZLD                | R6108IZLD                |
| Engine Power - Stand By       | kW                  | 145                      | 145                      | 185                      |
| Engine Power - Prime          | kW                  | 132                      | 132                      | 165                      |
| Engine Speed (rpm)            |                     | 1500                     | 1500                     | 1500                     |
| Number of Cylinder            |                     | 6 - In Line              | 6 - In Line              | 6 - In Line              |
| Displacement (lt)             |                     | 7.01                     | 7.01                     | 7.01                     |
| Bore x Stroke (mm)            |                     | 105x135                  | 105x135                  | 110x135                  |
| Compression Rate              |                     | 16:1                     | 16:1                     | 16:1                     |
| Governor Type                 |                     | Mechanic/Electronic      | Mechanic/Electronic      | Mechanic/Electronic      |
| Induction                     |                     | TurboCharged-Intercooler | TurboCharged-Intercooler | TurboCharged-Intercooler |
| Combustion System             |                     | Direct Injection         | Direct Injection         | Direct Injection         |
| Cooling System                |                     | Water Cooled             | Water Cooled             | Water Cooled             |
| Lubrication Oil Capacity (lt) |                     | 16                       | 16                       | 23                       |
| Coolant Capacity (lt)         |                     | 25                       | 25                       | 45                       |
| Fuel Tank Capacity (lt)       |                     | 225                      | 225                      | 225                      |
| Fuel Consumption<br>lt / h    | 100% of Prime Power | 33.5                     | 35.5                     | 49.4                     |
|                               | 75% of Prime Power  | 25.1                     | 26.1                     | 37                       |
|                               | 50% of Prime Power  | 16.7                     | 17.8                     | 24                       |
| ALTERNATOR                    |                     |                          |                          |                          |
| Output Voltage (V)            |                     | 400/230                  |                          |                          |
| Power Factor                  |                     | 0.8                      |                          |                          |
| Number of Poles               |                     | 4                        |                          |                          |
| Frequency (Hz)                |                     | 50                       |                          |                          |
| Voltage Regulation            |                     | ±%0,5                    |                          |                          |
| Connection Type               |                     | Star                     |                          |                          |
| DIMENSIONS & WEIGHT           |                     | MJR0165                  | MJR0175                  | MJR0200                  |
| Canopy Dimensions             | mm (WxDxH)          | 1050x3000x2035           | 1050x3000x2035           | 1050x3000x2035           |
| Canopy Weight                 | kg                  | 1645                     | 1695                     | 1750                     |
| Open Dimensions               | mm (WxDxH)          | 1050x2400x1750           | 1050x2400x1750           | 1050x2400x1750           |
| Open Weight                   | kg                  | 1360                     | 1380                     | 1415                     |

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.