



MJR SERIES 94-150 kVA

TECHNICAL SPECIFICATIONS

| GENERATOR GROUP | | MJR0094 | MJR0110 | MJR0110 | MJR0125 | MJR0150 |
|--------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| MODEL | | | | | | |
| Stand By Power | kVA | 94 | 110 | 110 | 125 | 150 |
| | kW | 75.2 | 88 | 88 | 100 | 120 |
| Prime Power | kVA | 85.4 | 100 | 100 | 113.6 | 136.4 |
| | kW | 68.3 | 80 | 80 | 90.9 | 109 |
| DIESEL ENGINE | | RICARDO | | | | |
| BRAND | | R4105IZLD | R4110IZLD | R6105ZD | R6105ZLD | R6105AZLD |
| Model | | | | | | |
| Engine Power - Stand By | kW | 83 | 92 | 92 | 110 | 121 |
| Engine Power - Prime | kW | 75 | 84 | 84 | 100 | 110 |
| Engine Speed (rpm) | | 1500 | 1500 | 1500 | 1500 | 1500 |
| Number of Cylinder | | 4 - In Line | 4 - In Line | 6 - In Line | 6 - In Line | 6 - In Line |
| Displacement (lt) | | 4.33 | 4.33 | 6.49 | 6.49 | 6.75 |
| Bore x Stroke (mm) | | 105x130 | 105x130 | 105x130 | 105x130 | 105x130 |
| Compression Rate | | 16:1 | 16:1 | 16:1 | 16:1 | 16:1 |
| Governor Type | | Mechanic/Electronic | Mechanic/Electronic | Mechanic/Electronic | Mechanic/Electronic | Mechanic/Electronic |
| Induction | | TurboCharged | TurboCharged | TurboCharged | TurboCharged | TurboCharged |
| Combustion System | | Direct Injection | Direct Injection | Direct Injection | Direct Injection | Direct Injection |
| Cooling System | | Water Cooled | Water Cooled | Water Cooled | Water Cooled | Water Cooled |
| Lubrication Oil Capacity (lt) | | 13 | 13 | 16 | 16 | 16 |
| Coolant Capacity (lt) | | 18 | 18 | 23 | 23 | 25 |
| Fuel Tank Capacity (lt) | | 175 | 175 | 225 | 225 | 225 |
| Fuel Consumption lt / h | 100% of Prime Power | 20.2 | 22.6 | 23.9 | 26.6 | 30.5 |
| | 75% of Prime Power | 15.6 | 16.7 | 17.9 | 20.2 | 22.9 |
| | 50% of Prime Power | 10 | 11.5 | 11.9 | 13.8 | 15.3 |
| 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 | | | | | | |
| Canopy Dimensions | mm (WxDxH) | 1050x2700x1875 | 1050x2700x1875 | 1050x3000x2035 | 1050x3000x2035 | 1050x3000x2035 |
| Canopy Weight | kg | 1300 | 1325 | 1540 | 1600 | 1640 |
| Open Dimensions | mm (WxDxH) | 1050x2100x1650 | 1050x2100x1650 | 1050x2400x1750 | 1050x2400x1750 | 1050x2400x1750 |
| Open Weight | kg | 980 | 1050 | 1160 | 1300 | 1400 |

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.