

MJD SERIES 22-70 kVA

TECHNICAL SPECIFICATIONS



GENERATOR GROUP

| MODEL | | MJD0022 | MJD0033 | MJD0044 | MJD0055 | MJD0070 |
|----------------|-----|---------|---------|---------|---------|---------|
| Stand By Power | kVA | 22 | 33 | 44 | 55 | 70 |
| | kW | 18 | 26 | 35 | 44 | 56 |
| Prime Power | kVA | 20 | 30 | 40 | 50 | 63.6 |
| | kW | 16 | 24 | 32 | 40 | 50.9 |

DIESEL ENGINE

| BRAND | DEUTZ | | | | | |
|-------------------------------|---------------------|------------------|------------------|--------------------------|------------------|-----|
| Model | BFM3G1 | BFM3G2 | BFM3T | BFM3C | BF4M2012 | |
| Engine Power - Stand By | 22 | 32 | 44 | 50 | 60 | |
| Engine Power - Prime | 20 | 29 | 40 | 45 | 54 | |
| Engine Speed (rpm) | 1500 | 1500 | 1500 | 1500 | 1500 | |
| Number of Cylinder | 4 - In Line | 4 - In Line | 4 - In Line | 4 - In Line | 4 - In Line | |
| Displacement (lt) | 3.168 | 3.168 | 3.168 | 3.168 | 4.04 | |
| Bore x Stroke (mm) | 98x105 | 98x105 | 98x105 | 98x105 | 101x126 | |
| Compression Rate | 18.5:1 | 18.5:1 | 18.5:1 | 18.5:1 | 19:1 | |
| Governor Type | Electronic | Electronic | Electronic | Electronic | Electronic | |
| Induction | Natural | Natural | TurboCharged | TurboCharged-Intercooler | 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) | 7.5 | 7.5 | 7.5 | 7.5 | 8.5 | |
| Coolant Capacity (lt) | 4.8 | 4.8 | 4.8 | 4.8 | 15.9 | |
| Fuel Tank Capacity (lt) | 79 | 79 | 113 | 113 | 187 | |
| Fuel Consumption lt / h | 100% of Prime Power | 3.5 | 5.3 | 7.0 | 8.4 | 9.9 |
| | 75% of Prime Power | 2.6 | 4.0 | 5.3 | 6.3 | 7.4 |
| | 50% of Prime Power | 1.8 | 2.6 | 3.5 | 4.2 | 5.0 |

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) | 900x2000x1410 | 900x2000x1410 | 1000x2300x1700 | 1000x2300x1700 | 1050x2700x1830 |
| Canopy Weight | kg | 760 | 895 | 940 | 1050 | 1230 |
| Open Dimensions | mm (WxDxH) | 900x1500x1100 | 900x1500x1100 | 1000x1750x1450 | 1000x1750x1450 | 1050x2090x1650 |
| Open Weight | kg | 620 | 735 | 790 | 835 | 960 |

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.

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