

## MJB SERIES 275-440 kVA

### TECHNICAL SPECIFICATIONS



#### GENERATOR GROUP

| MODEL          |     | MJB0275 | MJB0300 | MJB0350 | MJB0400 | MJB0440 |
|----------------|-----|---------|---------|---------|---------|---------|
| Stand By Power | kVA | 275     | 300     | 350     | 400     | 440     |
|                | kW  | 220     | 240     | 280     | 320     | 352     |
| Prime Power    | kVA | 250     | 273     | 318.2   | 363.6   | 400     |
|                | kW  | 200     | 218.4   | 254.5   | 290.9   | 320     |

#### DIESEL ENGINE

| BRAND                         | BAUDOIN             |                          |                          |                          |                          |                          |
|-------------------------------|---------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Model                         | 6M16G275/5          | 6M16G300/5               | 6M16G350/5               | 6M21G400/5               | 6M21G440/5               |                          |
| Engine Power - Stand By       | kW                  | 264                      | 280                      | 320                      | 385                      | 405                      |
| Engine Power - Prime          | kW                  | 240                      | 255                      | 291                      | 350                      | 368                      |
| Engine Speed (rpm)            |                     | 1500                     | 1500                     | 1500                     | 1500                     | 1500                     |
| Number of Cylinder            |                     | 6 - In Line              | 6 - In Line              | 6 - In Line              | 6 - In Line              | 6 - In Line              |
| Displacement (lt)             |                     | 9.726                    | 9.726                    | 9.726                    | 12.54                    | 12.54                    |
| Bore x Stroke (mm)            |                     | 126x130                  | 126x130                  | 126x130                  | 127x165                  | 127x165                  |
| Compression Rate              |                     | 17:1                     | 17:1                     | 17:1                     | 16:1                     | 16:1                     |
| Governor Type                 |                     | Electronic               | Electronic               | ECU                      | Electronic               | Electronic               |
| Induction                     |                     | TurboCharged-Aftercooler | TurboCharged-Aftercooler | TurboCharged-Aftercooler | TurboCharged-Aftercooler | TurboCharged-Aftercooler |
| 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) |                     | 26                       | 26                       | 26                       | 30                       | 30                       |
| Coolant Capacity (lt)         |                     | 44                       | 44                       | 50                       | 55                       | 55                       |
| Fuel Tank Capacity (lt)       |                     | 585                      | 585                      | 585                      | 890                      | 890                      |
| Fuel Consumption<br>lt / h    | 100% of Prime Power | 56.9                     | 58.8                     | 70.5                     | 85                       | 85                       |
|                               | 75% of Prime Power  | 42.2                     | 45.2                     | 52.3                     | 63.5                     | 63.5                     |
|                               | 50% of Prime Power  | 28.4                     | 32.6                     | 35.3                     | 43.1                     | 43.1                     |

#### 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) | 1400x3300x2460 | 1400x3700x2626,5 | 1400x3700x2626,5 | 1400x3700x2626,5 | 1400x3700x2626,5 |
| Canopy Weight     | kg         | 2700           | 3150             | 3250             | 3350             | 3540             |
| Open Dimensions   | mm (WxDxH) | 1400x2800x1860 | 1400x3250x1750   | 1400x3250x1750   | 1400x3250x1750   | 1400x3250x1750   |
| Open Weight       | kg         | 2350           | 2600             | 2700             | 2800             | 2900             |

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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