

## MJB SERIES 20-50 kVA

### TECHNICAL SPECIFICATIONS



#### GENERATOR GROUP

| MODEL          |     | MJB0020 | MJB0025 | MJB0035 | MJB0044 | MJB0050 |
|----------------|-----|---------|---------|---------|---------|---------|
| Stand By Power | kVA | 20      | 22      | 35      | 44      | 50      |
|                | kW  | 16      | 18      | 28      | 35.2    | 40      |
| Prime Power    | kVA | 18.2    | 20      | 31.8    | 40      | 45.4    |
|                | kW  | 14.5    | 16      | 25.5    | 32      | 36      |

#### DIESEL ENGINE

| BRAND                         | BAUDOIN             |                  |                  |                  |                          |      |
|-------------------------------|---------------------|------------------|------------------|------------------|--------------------------|------|
| Model                         | 4M06G20/5           | 4M06G25/5        | 4M06G33/5        | 4M06G44/5        | 4M06G50/5                |      |
| Engine Power - Stand By       | 20                  | 25               | 33               | 41               | 48                       |      |
| Engine Power - Prime          | 18                  | 23               | 30               | 37               | 44                       |      |
| 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)             | 2.3                 | 2.3              | 2.3              | 2.3              | 2.3                      |      |
| Bore x Stroke (mm)            | 89x92               | 89x92            | 89x92            | 89x92            | 89x92                    |      |
| Compression Rate              | 17.5:1              | 17.5:1           | 17.5:1           | 17.5:1           | 17.5:1                   |      |
| Governor Type                 | Electronic          | Electronic       | Electronic       | Electronic       | ECU                      |      |
| Induction                     | Natural             | Natural          | TurboCharged     | TurboCharged     | 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) | 9.5                 | 9.5              | 9.5              | 9.5              | 9.5                      |      |
| Coolant Capacity (lt)         | 16                  | 16               | 16               | 16               | 12.9                     |      |
| Fuel Tank Capacity (lt)       | 92                  | 92               | 132              | 132              | 132                      |      |
| Fuel Consumption<br>lt / h    | 100% of Prime Power | 4.8              | 6.1              | 7.6              | 9.3                      | 10.4 |
|                               | 75% of Prime Power  | 3.7              | 4.5              | 5.4              | 6.8                      | 7.5  |
|                               | 50% of Prime Power  | 2.6              | 3.2              | 4.1              | 4.6                      | 5.2  |

#### 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) | 900x2000x1310 | 900x2000x1310 | 1000x2300x1715 | 1050x2300x1715 | 1050x2300x1715 |
| Canopy Weight     | kg         | 750           | 850           | 905            | 925            | 945            |
| Open Dimensions   | mm (WxDxH) | 900x1500x1100 | 900x1500x1100 | 1000x1750x1450 | 1050x1750x1450 | 1050x1750x1450 |
| Open Weight       | kg         | 600           | 700           | 710            | 730            | 750            |

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.