



# MJB SERIES 1250-1700 kVA

## TECHNICAL SPECIFICATIONS

### GENERATOR GROUP

| MODEL          |     | MJB1250 | MJB1400 | MJB1500 | MJB1650 | MJB1700 |
|----------------|-----|---------|---------|---------|---------|---------|
| Stand By Power | kVA | 1250    | 1400    | 1500    | 1650    | 1700    |
|                | kW  | 1000    | 1120    | 120     | 1320    | 1360    |
| Prime Power    | kVA | 1136.3  | 1250    | 1363.6  | 1500    | 1545.5  |
|                | kW  | 909     | 1000    | 1090.9  | 1200    | 1236.4  |

### DIESEL ENGINE

| BRAND                         |                     | BAUDOUIN                 |                          |                          |                          |                          |
|-------------------------------|---------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Model                         |                     | 12M33G1250/5             | 12M33G1400/5             | 12M33G1500/5             | 12M33G1650/5             | 16M33G1700/5             |
| Engine Power - Stand By       | kW                  | 1108                     | 1210                     | 1320                     | 1450                     | 1530                     |
| Engine Power - Prime          | kW                  | 1007                     | 1100                     | 1200                     | 1318                     | 1390                     |
| Engine Speed (rpm)            |                     | 1500                     | 1500                     | 1500                     | 1500                     | 1500                     |
| Number of Cylinder            |                     | 12 - V Type              | 12 - V Type              | 12 - V Type              | 12 - V Type              | 16 - V Type              |
| Displacement (lt)             |                     | 39.2                     | 39.2                     | 39.2                     | 39.2                     | 52.3                     |
| Bore x Stroke (mm)            |                     | 150x185                  | 150x185                  | 150x185                  | 150x185                  | 150x185                  |
| Compression Rate              |                     | 15:1                     | 15:1                     | 15:1                     | 15:1                     | 15:1                     |
| Governor Type                 |                     | Electronic               | Electronic               | Electronic               | ECU                      | ECU                      |
| 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) |                     | 155                      | 155                      | 155                      | 155                      | 171                      |
| Coolant Capacity (lt)         |                     | 188                      | 188                      | 188                      | 303                      | 400                      |
| Fuel Tank Capacity (lt)       |                     | 1003                     | N/A                      | N/A                      | N/A                      | N/A                      |
| Fuel Consumption lt / h       | 100% of Prime Power | 198.4                    | N/A                      | N/A                      | N/A                      | N/A                      |
|                               | 75% of Prime Power  | 147                      | N/A                      | N/A                      | N/A                      | N/A                      |
|                               | 50% of Prime Power  | 100.3                    | N/A                      | N/A                      | N/A                      | N/A                      |

### 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) | 2130x5000x2650 | N/A | N/A | N/A | N/A |
| Canopy Weight kg             | 9120           | N/A | N/A | N/A | N/A |
| Open Dimensions mm (WxDxH)   | 2130x5000x2300 | N/A | N/A | N/A | N/A |
| Open Weight kg               | 7450           | N/A | N/A | N/A | N/A |

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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