

## MJS SERIES 220-385 kVA

### TECHNICAL SPECIFICATIONS



| GENERATOR GROUP |     |         |         |         |         |
|-----------------|-----|---------|---------|---------|---------|
| MODEL           |     | MJS0220 | MJS0285 | MJS0330 | MJS0385 |
| Stand By Power  | kVA | 220     | 285     | 330     | 385     |
|                 | kW  | 176     | 228     | 264     | 308     |
| Prime Power     | kVA | 200     | 259.1   | 300     | 350     |
|                 | kW  | 160     | 207.3   | 240     | 280     |

  

| DIESEL ENGINE                 |                     | SHANGHAI DONGFENG |                          |                          |                          |
|-------------------------------|---------------------|-------------------|--------------------------|--------------------------|--------------------------|
| Model                         |                     | SM129TD21         | SM129TAD24               | SMG128TAD28              | SMG128TAD31              |
| Engine Power - Stand By       | kW                  | 206               | 245                      | 280                      | 324                      |
| Engine Power - Prime          | kW                  | 187               | 223                      | 255                      | 295                      |
| Engine Speed (rpm)            |                     | 1500              | 1500                     | 1500                     | 1500                     |
| Number of Cylinder            |                     | 6 - In Line       | 6 - In Line              | 6 - In Line              | 6 - In Line              |
| Displacement (lt)             |                     | 8.27              | 8.27                     | 8.82                     | 12.9                     |
| Bore x Stroke (mm)            |                     | 114x135           | 114x135                  | 114x135                  | 135x150                  |
| Compression Rate              |                     | 18:1              | 18:1                     | 18:1                     | 17:1                     |
| Governor Type                 |                     | Electronic        | Electronic               | Electronic               | Electronic               |
| Induction                     |                     | TurboCharged      | TurboCharged-Intercooler | TurboCharged-Intercooler | TurboCharged-Intercooler |
| Combustion System             |                     | Direct Injection  | Direct Injection         | Direct Injection         | Direct Injection         |
| Cooling System                |                     | Water Cooled      | Water Cooled             | Water Cooled             | Water Cooled             |
| Lubrication Oil Capacity (lt) |                     | 30                | 30                       | 30                       | 40                       |
| Coolant Capacity (lt)         |                     | 48                | 48                       | 48                       | 64                       |
| Fuel Tank Capacity (lt)       |                     | 353               | 353                      | 353                      | 491                      |
| Fuel Consumption<br>lt / h    | 100% of Prime Power | 52                | 52                       | 52                       | 71                       |
|                               | 75% of Prime Power  | 39                | 39                       | 39                       | 53                       |
|                               | 50% of Prime Power  | 27                | 27                       | 27                       | 36                       |

  

| 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) | 1200x3420x2150 | 1200x3420x2150 | 1200x3420x2150 | 1400x3700x2626,5 |
| Canopy Weight       | kg         | 2350           | 2400           | 2600           | 3450             |
| Open Dimensions     | mm (WxDxH) | 1200x2800x1750 | 1200x2800x1750 | 1200x3420x1750 | 1400x3200x2000   |
| Open Weight         | kg         | 2050           | 2100           | 2270           | 3035             |

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.