



**TEKSAN DIESEL GENERATING SET**  
230 V 50 Hz - 1500 rpm

**GEN-SET MODEL**

**TJ9MS**

**GEN-SET POWER RATING**

|                 |     |        |
|-----------------|-----|--------|
| *Stand-by Power | kVA | 9 (kW) |
| **Prime Power   | kVA | 8 (kW) |

\* Standby Power available a variable load in the event of a main power network failure. No overload is permitted.

\*\* Prime Power available at variable load in lieu of main power network. An overload of 10% is permitted for one hour in every twelve hours of operation.

**DIMENSIONS W x L x H**

|           |    |               |
|-----------|----|---------------|
| Open Skid | mm | 700x1300x870  |
| Canopied  | mm | 700x2000x1050 |

**FUEL TANK CAPACITY**

|           |    |    |
|-----------|----|----|
| Open Skid | lt | 39 |
| Canopied  | lt | 39 |

**WEIGHT**

|           |    |     |
|-----------|----|-----|
| Open Skid | kg | 500 |
| Canopied  | kg | 600 |

**ENGINE**

|                                |      |                     |
|--------------------------------|------|---------------------|
| Manufacturer                   |      | mitsubishi          |
| Origin                         |      | JAPAN               |
| Model                          |      | S3L2 61SD           |
| Governor Type                  |      | Mechanical          |
| Speed                          |      | 1500                |
| Net Stand-by Power             | kWm  | 10,8                |
| Net Prime Power                | kWm  | 9,7                 |
| Cylinder number and config.    |      | In line - 3         |
| Bore/Stroke                    | mm   | 78 x 92             |
| Displacement                   | lt   | 1,318               |
| Compression ratio              |      | 22                  |
| Aspiration                     |      | Naturally aspirated |
| Cooling                        |      | Water Cooled        |
| Electrical system              | V    | 12                  |
| Fuel Consumption at full load  | lt/h | 2,9                 |
| Lub.Oil Capacity               | lt   | 3,7                 |
| Coolant Capacity with radiator | lt   | 4,2                 |

**ALTERNATOR**

|                             |     |                |
|-----------------------------|-----|----------------|
| Manufacturer                |     | SINCRO         |
| Origin                      |     | ITALY          |
| Model                       |     | FK4 MDA        |
| Stand By Power              | kVA | 11             |
| Power Factor                |     | 1,0            |
| Efficiency                  | %   | 81,0           |
| Number of Bearing           |     | Single         |
| Voltage                     | V   | 230            |
| Voltage Regulation Accuracy |     | ±2%            |
| Frequence                   | Hz  | 50             |
| Insulation Class            |     | H              |
| Protection                  |     | IP23           |
| Excitation System           |     | Brushless, AVR |

All ratings data based on operation under ISO 3046 conditions using typical fan sizes and drive ratios. For operation outside of these conditions please consult to Teksan.

All information given in this leaflet is intended for general purposes only. Due to a policy of continuous improvement, Teksan reserves the right to amend details and specifications without notice and all information given is subject to the Teksan's current conditions of sales.