



TEKSAN DIESEL GENERATING SET

230/400 V 50 Hz - 1500 rpm

GEN-SET MODEL

TJ1540MS

GEN-SET POWER RATING

| | | |
|-----------------|-----|------|
| *Stand-by Power | kVA | 1540 |
| **Prime Power | kVA | 1397 |

* 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 | 2000x4600x2370 |
| Canopied | mm | 2438x6058x2900 |

FUEL TANK CAPACITY

| | | |
|-----------|----|------|
| Open Skid | lt | 2500 |
| Canopied | lt | 2500 |

WEIGHT

| | | |
|-----------|----|-------|
| Open Skid | kg | 10200 |
| Canopied | kg | 15100 |

ENGINE

| | | |
|--------------------------------|------|----------------------------|
| Manufacturer | | mitsubishi |
| Origin | | FRANCE |
| Model | | S12R PTA2 |
| Governor Type | | Electronic |
| Speed | | 1500 |
| Net Stand-by Power | kWm | 1285 |
| Net Prime Power | kWm | 1165 |
| Cylinder number and config. | | V - 12 |
| Bore/Stroke | mm | 170 x 180 |
| Displacement | lt | 49,03 |
| Compression ratio | | 13,5 |
| Aspiration | | Turbocharged - Aftercooler |
| Cooling | | Water Cooled |
| Electrical system | V | 24 |
| Fuel Consumption at full load | lt/h | 282 |
| Lub.Oil Capacity | lt | 180 |
| Coolant Capacity with radiator | lt | 125 |

ALTERNATOR

| | | |
|-----------------------------|-----|----------------|
| Manufacturer | | MARELLI |
| Origin | | ITALY |
| Model | | MJB450MB4 |
| Stand By Power | kVA | 1650 |
| Power Factor | | 0,8 |
| Efficiency | % | 95,9 |
| Number of Bearing | | Single |
| Leads Number | | 6 |
| Voltage | V | 230/400 |
| Voltage Regulation Accuracy | | ±1% |
| Frequence | Hz | 50 |
| Insulation Class | | H |
| Protection | | IP23 |
| Excitation System | | Brushless, AVR |
| Connection | | Star |

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.

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