DL1250M
Generator Set for Drilling Applications

Land Rig SCR Power
- Designed and built to meet the demanding requirements of the drilling contractor

High Reliability
- Rugged design
- Easy maintenance
- Long service life

Low Operating Cost
- High fuel efficiency
- Long service intervals

Meets Most International Specifications

Standard Equipment
- EPA Tier 2 non-road certified
- Electronic engine controls
- Generator space heater
- Stator RTDs
- Heavy duty, structural steel base
- Lifting provisions
- Fuel supply/return connections
- Air starting system
- Batteries, 12V lead calcium (2)
- Battery boxes, polyethylene (2)
- Generator, two-bearing design
- Dry type air filter, heavy duty
- Service indicator
- Air intake shutoff valve
- Radiator, 122°F (50°C)
- Blower fan, engine belt driven
- Lube oil filters
- Engine mounted oil cooler
- Fuel filters, primary & secondary
- Control Panel, unit-mounted

Options
- Generator air filters
- Bearing RTD (1 per)
- Electric starter 24 VDC
- Dual air/electric starting system
- Exhaust Silencers
- Rain caps
- Exhaust flexible connections, SS
- Radiator, 131°F (55°C)
- Remote cooling package
- Copon coating
- Lube oil heating system
- Duplex fuel filters
- Fuel/water separator
- Control Panel, remote-mounted

See Back For Product Specifications
DL1250M SCR Generator Set

### RATINGS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilling (prime) kWt/kVA rating @ 60 Hz*</td>
<td>1254/1791</td>
</tr>
<tr>
<td>Rated Voltage</td>
<td>600/346 VAC</td>
</tr>
<tr>
<td>Rated Frequency</td>
<td>60 Hz</td>
</tr>
<tr>
<td>Rated Power Factor (lagging)</td>
<td>0.7</td>
</tr>
</tbody>
</table>

*At voltage, frequency and PF according to ISO 3046/1 conditions.

### ENGINE

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer</td>
<td>MTU</td>
</tr>
<tr>
<td>Model</td>
<td>16V4000</td>
</tr>
<tr>
<td>Type</td>
<td>4 cycle</td>
</tr>
<tr>
<td>Fuel</td>
<td>Diesel</td>
</tr>
<tr>
<td>Cylinders</td>
<td>V-16</td>
</tr>
<tr>
<td>Power output (hp)</td>
<td>1863</td>
</tr>
<tr>
<td>Speed (rated)</td>
<td>1200 rpm</td>
</tr>
</tbody>
</table>

### GENERATOR

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Brushless</td>
</tr>
<tr>
<td>Poles</td>
<td>6 pole</td>
</tr>
<tr>
<td>Stator</td>
<td>Form wound</td>
</tr>
<tr>
<td>Bearing</td>
<td>Dual, sealed</td>
</tr>
<tr>
<td>Insulation</td>
<td>Class H</td>
</tr>
<tr>
<td>Temperature rise @40 °C</td>
<td>80 °C</td>
</tr>
<tr>
<td>Voltage Regulation</td>
<td>DVR</td>
</tr>
</tbody>
</table>

### DIMENSIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (approx.)</td>
<td>39,700 lbs</td>
</tr>
<tr>
<td>L × W × H (in inches)</td>
<td>266 × 102 × 121</td>
</tr>
</tbody>
</table>

All dimensions are in inches and are approximate. Air filters to be shipped loose, max dimensions shown.

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