DL700M
SCR Generator Set

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
• Spill containment w/drain connection
• Fuel supply/return connections
• Electric starter 24 VDC
• Batteries, 12V lead calcium (2)
• Battery boxes, polyethylene (2)
• Alternator, engine-mounted
• 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
• Shutdowns and Alarms
• High Jacket Water Temperature
• Low Oil Pressure
• High Oil Temperature
• Engine Over Speed
• Engine Failed to Start
• Engine hours meter
• Start/Stop switch
• Emergency Stop switch

Options
• Generator air filters
• Bearing RTD (1 per)
• Air starting system
• Dual air/electric starting system
• Battery charger, float type
• Exhaust System 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
DL700M SCR Generator Set

<table>
<thead>
<tr>
<th>RATINGS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilling (prime) kWe/kVA rating @ 60 Hz*</td>
<td>687/981</td>
</tr>
<tr>
<td>Drilling (prime) KWe/kVA Rating @ 50 Hz*</td>
<td>564/806</td>
</tr>
<tr>
<td>Rated Voltage</td>
<td>600/346 VAC</td>
</tr>
<tr>
<td>Rated Frequency</td>
<td>60 Hz or 50 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.

<table>
<thead>
<tr>
<th>ENGINE</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Manufacturer</td>
<td>MTU</td>
</tr>
<tr>
<td>Model</td>
<td>12V2000</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-12</td>
</tr>
<tr>
<td>Power output (hp)</td>
<td>1020</td>
</tr>
<tr>
<td>Speed (rated)</td>
<td>1800 or 1500 rpm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GENERATOR</th>
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<tbody>
<tr>
<td>Type</td>
<td>Brushless</td>
</tr>
<tr>
<td>Poles</td>
<td>4 pole</td>
</tr>
<tr>
<td>Stator</td>
<td>Form wound</td>
</tr>
<tr>
<td>Bearing</td>
<td>Single, 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>

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (approx.)</td>
<td>18,500 lbs</td>
</tr>
<tr>
<td>L × W × H (in inches)</td>
<td>184 × 65 × 95</td>
</tr>
</tbody>
</table>

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

Contact us today.

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