KEEL COOLED CONTINUOUS DUTY GENERATOR SET

MARINE LEADER

Model number: ML40IMKD

POWERED BY:

Generator Set Specifications

- Isuzu 4JJ1T Diesel 4 Cylinder 1800 rpm Turbo Charged Engine
- Marathon Brushless Generator End with Automatic Voltage Regulator
- Murphy Power View Control Panel (Oil Pressure, Temp, Amp, Hour Meter, & Key Switch)
- Safety Shutdown System for low oil pressure & high coolant temperature
- Jabsco Keel Water Pump
- Heat Exchanger (separate keel water from engine block water)
- Electronic Fuel System
- Front Cover Belt Guard
- Exhaust Flange
- Industrial Air Cleaner
- Welded Steel Skid
- Vibration Isolators
- Oil and Fuel Filters
- 12 Volt Electrics
- Owner's Manual
- 2 Year 2,000 Hour Engine Warranty
- 1 Year 1,000 Hour Generator Warranty

Generator Ratings

<table>
<thead>
<tr>
<th>PH</th>
<th>Voltage</th>
<th>HZ</th>
<th>Continuous Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>KW</td>
</tr>
<tr>
<td>1</td>
<td>240</td>
<td>60</td>
<td>40</td>
</tr>
<tr>
<td>3</td>
<td>208</td>
<td>60</td>
<td>40</td>
</tr>
<tr>
<td>3</td>
<td>240</td>
<td>60</td>
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<tr>
<td>3</td>
<td>480</td>
<td>60</td>
<td>40</td>
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</table>
### Engine Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer</td>
<td>Isuzu</td>
</tr>
<tr>
<td>Engine Model</td>
<td>4J1T</td>
</tr>
<tr>
<td>Cylinder Arrangement</td>
<td>4 in-line 4 cycle</td>
</tr>
<tr>
<td>Rated RPM</td>
<td>1800</td>
</tr>
<tr>
<td>Horse Power at Rated RPM (bhp)</td>
<td>67</td>
</tr>
<tr>
<td>Governor Type</td>
<td>Mechanical</td>
</tr>
<tr>
<td>Frequency Regulation</td>
<td>3-5%</td>
</tr>
<tr>
<td>Air Cleaner</td>
<td>Replaceable Element</td>
</tr>
</tbody>
</table>

**Lubrication System:**
- Oil Capacity w/out filter, qt. 15.85
- Oil Filter Type Spin-on

**Fuel System:**
- Fuel Shutoff Solenoid Electric
- Fuel Pump Electric
- Fuel Pump Priming Electric
- Fuel Line Supply 5/16
- Fuel Line Return 5/16

**Cooling System:**
- Engine Coolant Capacity, qt 6.34

**Approx Fuel Consumption, (GPH):**
- 100% Load 2.60
- 75% Load 1.95
- 50% Load 1.30

### Generator Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer</td>
<td>Marathon Electric Generators</td>
</tr>
<tr>
<td>Model</td>
<td>361CSL1600</td>
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<tr>
<td>Type</td>
<td>4 Pole</td>
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<tr>
<td>Exciter Type</td>
<td>Brushless</td>
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<tr>
<td>Leads: Quantity</td>
<td>12</td>
</tr>
<tr>
<td>Voltage Regulator</td>
<td>1% Automatic AVR</td>
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<tr>
<td>Insulation Material</td>
<td>F Type</td>
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<tr>
<td>Temperature Rise</td>
<td>105° C</td>
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<tr>
<td>Bearing Type</td>
<td>Sealed</td>
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<tr>
<td>Coupling</td>
<td>Direct Bolt-Up</td>
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<tr>
<td>Continuous Rating</td>
<td>40KW</td>
</tr>
</tbody>
</table>

**Standard Murphy Power View Control Panel**

**Optional Remote Panel**

### Optional Accessories

- Remote Panel Option with Wire Harness available in:
  - 6 foot
  - 10 foot
  - 20 foot
- Racor Fuel / Water separator
- 12V Battery - Gr 31
- 12V Battery Charger
- Battery Cables
- ESD Air Shut Down Valve
- 6’ Manual Cable For ESD Valve
- Oil Drain Valve
- Mainline Breaker

### Dimensions and Weights

- Overall Dimensions: 70” L x 38” W x 55” H
- Mounting bolts to bolt hole: 32”
- Rise from mounting foot to foot: 5.5”
- Genset Weight: 1668 lbs.

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