# KEEL COOLED CONTINUOUS DUTY GENERATOR SET

## MARINE LEADER

Model number: ML6IMKD

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## Generator Set Specifications

- Isuzu 3CA1 Diesel 3 Cylinder 1800 rpm Engine
- Marathon Brushless Generator End with Automatic Voltage Regulator
- Isuzu Control Panel (Indicator Lights, Hour Meter and Key Switch)
- Safety Shutdown System for low oil pressure & high coolant temperature
- Mechanical Fuel System
- Front Cover Belt Guard
- Exhaust Flange
- Industrial Air Cleaner
- Front Engine Support Legs
- Rear Generator Support Legs
- 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>120</td>
<td>60</td>
<td>6</td>
</tr>
<tr>
<td>1</td>
<td>240</td>
<td>60</td>
<td>6</td>
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</tbody>
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M & L Engine, LLC
1212 Saint Charles St. Houma, LA 70360
(985) 857-8000 ♦ (800) 960-0068
www.mlengine.com email: sales@mlengine.com
### Engine Specifications

**Manufacturer**: Isuzu  
**Engine Model**: 3CA1  
**Cylinder Arrangement**: 3 in-line 4 cycle  
**Rated RPM**: 1800  
**Horse Power at Rated RPM (bhp)**: 10.4  
**Governor Type**: Mechanical  
**Frequency Regulation**: 3-5%  
**Air Cleaner**: Replaceable Element  

**Lubrication System:**  
- **Oil Capacity w/out filter, qt.**: 2.96  
- **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**: 0.95

**Approx Fuel Consumption, (GPH):**  
- **100% Load**: .57  
- **75% Load**: .43  
- **50% Load**: .29

### Generator Specifications

- **Manufacturer**: Marathon Electric Generators  
- **Model**: 281CSL1513  
- **Type**: 4 Pole  
- **Exciter Type**: Brushless  
- **Leads: Quantity**: 4  
- **Voltage Regulator**: 1% Automatic AVR  
- **Insulation Material**: B Type  
- **Temperature Rise**: 80° C  
- **Bearing Type**: Sealed  
- **Coupling**: Direct Bolt-Up  
- **Continuous Rating**: 6KW

### Optional Accessories

- 10 ft Wire Harness Extension for Isuzu Panel  
- Racor Fuel / Water separator  
- 12V Battery - Gr 24  
- 12V Battery Charger  
- Battery Cables  
- Oil Drain Valve  
- Air Starter  
- Mainline Breaker  
- Welded Steel Skid  
- Murphy Mechanical 4 Gauge Panel with Custom Length Wire Harness Extension

### Dimensions and Weights

- **Genset Weight**: TBA lbs.

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