KEEL COOLED CONTINUOUS DUTY GENERATOR SET

MARINE LEADER  Model number: ML8.5IMKD

POWERED BY:

Generator Set Specifications
- Isuzu 3CB1 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

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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: 3CB1
- Cylinder Arrangement: 3-in-line 4 cycle
- Rated RPM: 1800
- Horse Power at Rated RPM (bhp): 14.8
- Governor Type: Mechanical
- Frequency Regulation: 3-5%
- Air Cleaner: Replaceable Element

**Lubrication System:**
- Oil Capacity w/out filter, qt: 3.59
- 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: .79
- 75% Load: .60
- 50% Load: .40

**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: 8.5KW

**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

**Dimensions and Weights**

- Overall Dimensions: Overall Length: 38”
- Overall Height: 29”
- Overall Width: 23”
- Vibration Isolator: 4.5” Bolt hole center to center
- Fuel line in and out on right side of engine (looking from behind flywheel)

- Genset Weight: 596 lbs.