

2000 kW Standby Diesel Generators consisting of Cummins Diesel Engine, Marathon Alternator, and Katolight Control Panel

- **Cummins Model QSK60 Engine**
 - V-16 Turbocharged, Aftercooled Design rated 2922 BHP at 1800 RPM
 - Electronic Governor
 - Unit Mounted Radiator cooling system
 - Initial Fill of Oil and Coolant
- **2000 kW Standby Rated, 480/277 Volt. 3Ø, 60 Hz. Marathon Alternator**
 - 2/3 Pitch design
 - Permanent Magnet Exciter
 - 3Ø sensing Digital Voltage Regulator
- **Katolight Auto Start Stop Control Panel**
 - “Manual / Stop-Reset / Auto / Start” Pushbuttons
 - LCD Display with Scroll Pushbuttons
 - Ammeter, Voltmeter, and Frequency Meter
 - kW, kVA, pf, kVAR
 - RPM, Oil Pressure, Coolant Temperature, DC Volts, Hour Meter
 - Emergency Stop Pushbutton
 - Alarms for Hi and Lo Coolant Temperature, Lo Oil Pressure, Lo DC Voltage, and System “Not in Auto”
 - Shutdowns for Hi Coolant Temperature, Lo Oil Pressure, Overspeed, & Overcrank
 - Alarm Horn with Silence switch and Test switch
- **Dual Critical Grade Exhaust Silencers w/ Flexible Exhaust Expansion Joints as needed**
 - Shipped loose for Field Installation by the Installing Contractor
- **Spring Vibration Isolators** mounted between the Crossbeams of the Base and the Generator Set Rails
- Set of (4) Size 8D **Engine Starting Batteries** with Racks and Cables
- Dual Wall Mounted fully alarmed **Battery Chargers – 10 Amp**
- **3000 Amp, 100% Rated, Circuit Breaker** in Nema 1 enclosure
- **Coolant Heater w/ Thermostatic Control**
- **Electrically powered Fuel Cooler** installed on Fuel Return Line to the Fuel Tank
- **500 kW Factory installed Resistive Load Bank**
 - Mounted and wired inside the Enclosure

Sound Attenuated, Weatherproof Enclosure

- Painted Steel Construction
- Side and End Intake Louvers with Bird Screen
- Insulated walls and ceiling with Perforated Aluminum Lining for Sound Attenuation
- Exhaust Mounting Kits
- Electrical package including load center, dry type transformer, convenience receptacles, fluorescent lights, space heater, and battery chargers installed

Dimensions: 38’6” L x 10’ W x 11’8” H

Weight Estimate: 50,000#

2500 Gallon UL-142 Sub Base Fuel (24- Hours @ Full Load Rate of 135 Gallons per hour)

- Supply, Return, Vents as required
- Mechanical Fuel level gauge
- Rupture Basin Alarm switch
- Fill port w/ Spill containment and High Fuel Alarm

- Electrical Stub up area
- Structural Sub-base and floor plate

Approximate Dimensions: 462" L x 120" W x 17.5" H
Weight Estimate: 11,000#