

## C4.4 CATERPILLAR MARINE GENERATOR SET 51 kW (64 kVA)

50 Hz, 1500 rpm

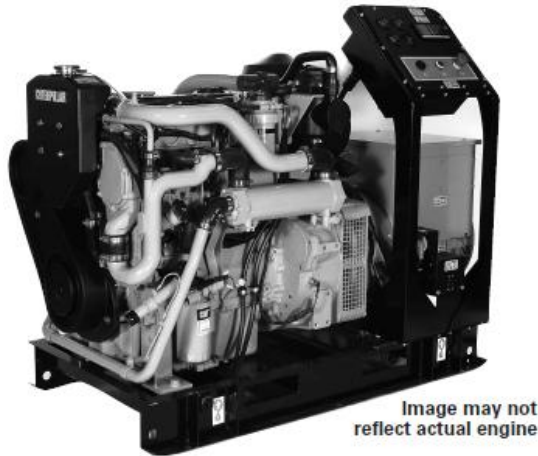


Image may not reflect actual engine

### CATERPILLAR® ENGINE SPECIFICATIONS

**I-4, 4-Stroke-Cycle-Diesel**

Displacement .....	4.4 L (269 cu. in.)
Bore .....	105 mm (4.13 in.)
Stroke .....	127 mm (4.99 in.)
Combustion .....	Direct Injection
Aspiration .....	Turbocharged
Governor .....	Electronic
Gen Set Package Dry Weight (approx).....	835 kg (1841 lb)
<b>Total System Capacity</b>	
Cooling System .....	16.5 L (4.36 U.S. gal)
Lube Oil System .....	8.5 L (2.25 U.S. gal)
Oil Change Interval .....	500 hr
Rotation (from flywheel end) .....	Counterclockwise

### **STANDARD EQUIPMENT**

**Air Inlet System**

Air cleaner, single element canister type with service indicator and rain cap; dry insulated turbocharger; glowplug cold start system

**Cooling System**

**Heat exchanger - cooled packages** with Cupronickel tube bundle (sized for 50°C amb. air and 32°C sea water); de-aeration expansion tank, plate-type engine, gear-driven centrifugal jacket water pump

**Exhaust System**

Dry insulated turbocharger, water-cooled exhaust manifolds

**Fuel System**

Primary fuel filter/water separator with NPT and BSP connectors (ship loose), secondary fuel filter (LH), fuel priming pump — electric, energize-to-run shutoff solenoid

**Generator**

12 lead reconnectable, 3 phase all models, brushless, separately excited from auxiliary winding to provide 300% short circuit current up to 10 seconds, 2/3 pitch, broad voltage band, IP23 water protection, solid state voltage regulator with integral voltage adjustment potentiometer, Class H insulation, connection poles

**Governing System**

Electronic governor

**Lube System**

Lubricating oil, oil filter (LH), dipstick (LH), fumes disposal (closed system)

**Mounting System**

Steel base frame with drip pan, anti-vibration mounts

**Starting/Charging System**

Negative isolated ground electric system

**General**

Single-side service (LH)

**Options included:** 24 Volt charging alternator, wet exhaust elbow 3", standard control panel, remote start stop panel with 15 ft harness, 24 volt starter, secondary fuel filter, sea water pump.

**Dimensions:** length 1529 mm, height 1055 mm, width 700 mm,