

# PRODUCT SPECIFICATIONS FOR C9 (50 HZ)



<b>Maximum Rating</b>	330 kVA
<b>Minimum Rating</b>	230 kVA
<b>Emissions/Fuel Strategy</b>	EU Stage IIIA
<b>Voltage</b>	220 to 480 Volts
<b>Frequency</b>	50 Hz
<b>Speed</b>	1500 rpm
<b>Duty Cycle</b>	Standby, Prime
<b>Engine Model</b>	C9 ATAAC, I-6, 4-Stroke Water-Cooled Diesel
<b>Bore</b>	4.41 in
<b>Stroke</b>	5.87 in
<b>Displacement</b>	537.01 in <sup>3</sup>
<b>Compression Ratio</b>	16.1:1
<b>Aspiration</b>	Air to Air Aftercooled
<b>Fuel System</b>	Hydraulic electronic unit injection
<b>Governor Type</b>	Adem™A4
<b>Length - Maximum</b>	157 in

**Width - Maximum**

47.5 in

**Height - Maximum**

73.5 in

## **C9 (50 HZ) STANDARD EQUIPMENT**

### **AIR INLET SYSTEM**

Air cleaner, light duty with disposable paper filter

### **CONTROL PANELS**

GCCP 1.3

### **COOLING SYSTEM**

Fan drive, battery charging alternator drive

Radiator and cooling fan with guard

Caterpillar extended life coolant

Coolant drain line with valve

### **EXHAUST SYSTEM**

Stainless steel exhaust flex, gaskets, rain cap & SAE exhaust flange for customer use - shipped loose

### **FUEL SYSTEM**

Base, formed steel with single wall integral 8-hour fuel tank

Standard open set fuel tank/base supplied

### **GENERATORS AND GENERATOR ATTACHMENTS**

12 Leads

Mandatory option circuit breaker, IEC, 3 pole mounted in power centre

Voltage regulator (single phase sensing)

Segregated low voltage (AC/DC) wiring panel

IP23 Protection

Power centre, IP22

### **GOVERNING SYSTEM**

Cat electronic governor (ADEM A4)

### **LUBE SYSTEM**

Oil drain valves

Lubricating oil  
Oil cooler

## **MOUNTING SYSTEM**

Includes lifting provisions and termination points for coolant and lube oil drain lines  
Captive linear vibration isolators between base and engine-generator

## **STARTING / CHARGING SYSTEM**

24V battery with rack and cables

## **GENERAL**

Engine and alternator re-paint, Caterpillar yellow

## **C9 (50 HZ) OPTIONAL EQUIPMENT**

## **CERTIFICATIONS**

European Certificate for Conformance  
Global Certification for CIS

## **AIR INLET SYSTEM**

Single element air cleaner

## **CIRCUIT BREAKERS**

4 Pole (IEC-100% rated) Circuit breaker upgrades: 400, 630, 800 and 100 amps

## **CONTROL PANELS**

Control panel protective devices: Earth fault relay ; Earth leakage ground fault ; overload shutdown via breaker ; Low fuel level shutdown ; Low fuel level alarm ; Fuel level sensor

Control panel Options: Volt free contacts ; Local alarm horn ; Oil temperature displays

## **COOLING SYSTEM**

Radiator duct flange

Low coolant temperature alarm

## **ENCLOSURES**

Sound attenuated enclosure  
High ambient sound attenuated enclosure

## **EXHAUST SYSTEM**

5 and 6 inch elbow kits  
5 - 6 inch flange adaptor

3 1/2 inch flange adapter

Mufflers - End in/end out; 10 dBA or 25 dBA attenuation  
6 inch flange

## **FUEL SYSTEM**

Integral dual wall fuel tank base

## **GENERATORS AND ATTACHMENTS**

Permanent magnet excitation (PMG) generator  
Oversize, AREP, CIP generators

## **MOUNTING SYSTEM**

Narrow skid base

## **STARTING / CHARGING SYSTEM**

Jacket water heater  
5 Amp single Battery charger  
Battery disconnect switch