

Product Specifications For C9 (50 Hz)



Generator Set Specifications

Maximum Rating	330 kVA
Minimum Rating	230 kVA
Emissions/Fuel Strategy	EU Stage IIIA
Voltage	200 to 400 Volts
Frequency	50 Hz
Speed	1500 rpm
Duty Cycle	Standby, Prime

Engine Specifications

Engine Model	C9 ATAAC, I-6, 4-Stroke Water-Cooled Diesel
Bore	112 mm
Stroke	149 mm
Displacement	8.8 l
Compression Ratio	16.1:1
Aspiration	Air to Air Aftercooled
Fuel System	Hydraulic electronic unit injection
Governor Type	Adem™ A4

Generator Set Dimensions

Length - Maximum	3988 mm
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Width - Maximum

1207 mm

Height - Maximum

1867 mm

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
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