

PRODUCT SPECIFICATIONS FOR D200 GC

GENERATOR SET SPECIFICATIONS

Minimum Rating	200 ekW
Maximum Rating	200 ekW
Emissions/Fuel Strategy	U.S. EPA Cert., Tier 3
Voltage	208 to 600 Volts
Frequency	60 Hz
Speed	1800 rpm
Duty Cycle	Standby

ENGINE SPECIFICATIONS

Engine Model	C7.1 I-6, 4-Cycle Diesel
Bore	4.1 in
Stroke	5.31 in
Displacement	428 in ³
Compression Ratio	16.7:1
Aspiration	Turbocharged, Air to Air Aftercooled
Fuel System	Electronic, Common Rail
Governor Type	ADEM™ A4

GENERATOR SET DIMENSIONS

Length - Maximum	103.7 in
Width - Maximum	51.2 in
Height - Maximum	58.7 in

D200 GC STANDARD EQUIPMENT

AIR INLET SYSTEM

Air Cleaner; light duty with disposable element

Air Cleaner; light duty with disposable element

CONTROL PANELS

GCCP 1.2 control panel

GCCP 1.2

COOLING SYSTEM

Radiator and cooling fan with guards

Radiator and cooling fan with guards

Coolant drain line with valves

Fan drive, battery charging alternator drive

Caterpillar extended life coolant

GENERATOR AND GENERATOR ATTACHMENTS

Circuit breaker, IEC, 3 pole, mounted in tower panel

12 leads

12 leads

IP23 protection

IP23 protection

Segregated low voltage (AC/DC) wiring panel

Tower panel, IP22, bottom cable entry

Tower panel, IP22, bottom cable entry

Circuit breaker, IEC, 3 pole, mounted in tower panel

Voltage regulator (single phase sensing)

EXHAUST SYSTEM

Stub pipe, gaskets, raincap and 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

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Standard open set fuel tank / base supplied

LUBE SYSTEM

Lubricating oil

Oil drain line with valve

Lubricating oil

Oil drain line with valve

MOUNTING SYSTEM

Termination points for coolant and lube oil drain lines

Captive linear vibration isolators between base and engine-generator

Includes lifting provision and drag points

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Captive linear vibration isolators between base and engine-generator

STARTING / CHARGING SYSTEM

24V battery with rack and cables

GOVERNING SYSTEM

Mechanical and electrical governing system - model dependent

Mechanical and electrical governing system - model dependent

GENERAL

Engine and alternator pre-paint, Caterpillar Yellow

Engine and alternator pre-paint, Caterpillar Yellow

D200 GC OPTIONAL EQUIPMENT

ALTERNATOR SYSTEM

R frame auxiliary winding: R2273L4 SE aux alt 07, aux alt 08 and aux alt 10

Permanent magnet

Quatrature droop king

Anti-condensation heater

Alternator removal

Optional LC frame alternator with coastal insulation protection

3 Phase sensing

CIRCUIT BREAKERS

4 Pole 250A, 400A and 630A Circuit Breakers

Padlockable breaker device

CONTROL PANEL OPTIONS

Battery charger

Emergency stop with key

Earth fault (2 wire only)

Overload shutdown via breaker

Earth leakage (2 wire only)

Volt free contacts

Control panel heater

Earth fault (2 wire only)

Speed adjust contacts

Speed adjust contacts

Panel mounted audible alarm

Speed adjust potentiometer

Earth leakage (2 wire only)

Battery charger

CONTROL SYSTEM

Control panel heater

Volt free contacts for common alarm

GCCP 1.2

Static battery charger

Volt free contacts for generator set running

COOLING SYSTEM

Coolant heater

Low coolant level shutdown

Low coolant level shutdown

Low coolant temperature

ENCLOSURES

Sound attenuated level 2 enclosure

MOUNTING OPTIONS

Industrial silencer removal

Electronic governor

Silencer installation kit

Electronic governor

Residential silencer

Battery removal

FUEL SYSTEMS

DEFRA bunded fuel tank

Low fuel level alarm

Skidbase for CALG enclosure sets

Low fuel level alarm

Open set narrow tankbase

Compact skidbase for open sets

Low fuel level shutdown

Low fuel level shutdown

Compact skidbase for open sets

High fuel level alarm

TEST REPORTS

PGS test report @ 1.0 power factor

PGS test report @ 0.8 power factor

GENERAL

Stone guards / radiator trans flange

GLOBAL CERTIFICATIONS

Certification for CIS

Certification for CIS

POWER TERMINATION

Circuit breaker, IEC, 4 pole

ACCESSORIES / MISCELLANEOUS

Packing case - compact set

Packing case - canopied set