## PRODUCT SPECIFICATIONS FOR D200 GC

### GENERATOR SET SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Rating</td>
<td>200 ekW</td>
</tr>
<tr>
<td>Maximum Rating</td>
<td>200 ekW</td>
</tr>
<tr>
<td>Emissions/Fuel Strategy</td>
<td>U.S. EPA Cert., Tier 3</td>
</tr>
<tr>
<td>Voltage</td>
<td>208 to 600 Volts</td>
</tr>
<tr>
<td>Frequency</td>
<td>60 Hz</td>
</tr>
<tr>
<td>Speed</td>
<td>1800 rpm</td>
</tr>
<tr>
<td>Duty Cycle</td>
<td>Standby</td>
</tr>
</tbody>
</table>

### ENGINE SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine Model</td>
<td>C7.1 I-6, 4-Cycle Diesel</td>
</tr>
<tr>
<td>Bore</td>
<td>4.1 in</td>
</tr>
<tr>
<td>Stroke</td>
<td>5.31 in</td>
</tr>
<tr>
<td>Displacement</td>
<td>428 in³</td>
</tr>
<tr>
<td>Compression Ratio</td>
<td>16.7:1</td>
</tr>
<tr>
<td>Aspiration</td>
<td>Turbocharged, Air to Air Aftercooled</td>
</tr>
<tr>
<td>Fuel System</td>
<td>Electronic, Common Rail</td>
</tr>
<tr>
<td>Governor Type</td>
<td>ADEM™A4</td>
</tr>
</tbody>
</table>

### GENERATOR SET DIMENSIONS

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length - Maximum</td>
<td>103.7 in</td>
</tr>
<tr>
<td>Width - Maximum</td>
<td>51.2 in</td>
</tr>
<tr>
<td>Height - Maximum</td>
<td>58.7 in</td>
</tr>
</tbody>
</table>
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
Base, formed steel with single wall integral 8-hour fuel tank
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
Includes lifting provision and drag points
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