# PRODUCT SPECIFICATIONS FOR D60 GC

## GENERATOR SET SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Rating</td>
<td>60 ekW</td>
</tr>
<tr>
<td>Maximum Rating</td>
<td>60 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>C4.4, In-line 4, 4-cycle diesel</td>
</tr>
<tr>
<td>Bore</td>
<td>4.1 in</td>
</tr>
<tr>
<td>Stroke</td>
<td>5 in</td>
</tr>
<tr>
<td>Displacement</td>
<td>269 in</td>
</tr>
<tr>
<td>Compression Ratio</td>
<td>16.7:1</td>
</tr>
<tr>
<td>Aspiration</td>
<td>Turbocharged</td>
</tr>
<tr>
<td>Fuel System</td>
<td>Electronic (adjustable)</td>
</tr>
<tr>
<td>Governor Type</td>
<td>Mechanical, 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>77.2 in</td>
</tr>
<tr>
<td>Width - Maximum</td>
<td>43.3 in</td>
</tr>
<tr>
<td>Height - Maximum</td>
<td>48 in</td>
</tr>
</tbody>
</table>
D60 GC STANDARD EQUIPMENT

CERTIFICATES
- IBC Seismic and Wind Certifications

AIR INLET SYSTEM
- Air Cleaner
- Cartridge type air filter

CIRCUIT BREAKERS
- Second circuit breaker box
- Breakers (100% UL rated)
- 3-Pole 100% rated
- Power perminal strips

CHARGING SYSTEM
- NFPA battery charger UL10A 120VAC

CONTROL PANEL
- GCCP 1.2 Control panel

CONTROL PANELS
- NFPA110 bundle includes:
  - WSS1 Low coolant level shut down
  - FSS low fuel level alarm & indication panel circuitry required when sub-base tank is selected
  - WCA1 Low coolant temperature alarm

A coolant heater, remote annunciator or 0.8 power factor test may be required depending on the application

- Oil temperature guage and sender
- PBC10NU NFPA Battery Charger
- PAA1 Panel mounted audible alarm
- Remote E-stop button
- Audible alarm
Ground fault relay
Remote annunciator
Volt free contacts genset run and common alarm
Discrete I/O module
Overload shutdown via breaker
Low coolant temperature alarm
Fuel level reading
Low coolant level shutdown
Protective devices:

EXHAUST SYSTEM
Stub pipe, gaskets, raincap and SAE exhaust flange for customer use - shipped loose

FUEL SYSTEM
Standard open set fuel tank / base supplied base, formed steel with single wall integral 8-hour fuel tank

COOLING SYSTEM
Coolant drain line with valve
Fan drive, battery charging alternator drive
Radiator and cooling fan with guards
Caterpillar extended life coolant
Radiator stone guard

GENERATOR
12 leads

GOVERNING SYSTEM
Mechanical and electrical governing system - model dependent

LUBE SYSTEM
Oil drain line with valve
Lubricating oil

GENERAL
Engine and alternator pre-paint, Caterpillar Yellow
STARTING/CHARGING SYSTEM

24V battery with rack and cables

Batteries

D60 GC OPTIONAL EQUIPMENT

CERTIFICATES

IBC Seismic and Wind Certifications

ALTERNATOR SYSTEM

R frame auxiliary winding

AIR INLET SYSTEM

Cartridge type air filter

CHARGING SYSTEM

NFPA battery charger UL10A 120VAC

CIRCUIT BREAKERS

3-Pole 100% rated

Breakers (100% UL rated)

Power perinal strips

Second circuit breaker box

CONTROL PANELS

Protective devices: Low coolant temperature alarm - Low coolant level shutdown - Fuel level reading - Overload shutdown via breaker

NFPA110 bundle includes: FSS low fuel level alarm & indication panel circuitry required when sub-base tank is selected - WSS1 Low Coolant level shut down - WCA1 Low Coolant temperature alarm - PAA1 Panel mounted audible alarm - PBC10NU NFPA Battery Charger - A coolant heater, remote annunciator or 0.8 power factor test may be required depending on the application

Oil temperature guage and sender

Volt free contacts genset run and common alarm

Discrete I/O module

Remote annunciator

Remote E-stop button
Ground fault relay
Audible alarm

COOLING SYSTEM
Radiator transition flange
Radiator transition flange

ENCLOSURES
External emergency stop
Sound attenuated enclosure, level 1
Panel viewing window
Sound attenuated enclosure, level 2

HEATING ELEMENTS
Battery heater
Wiring for canopy space heater
Jacket water heater
Lube oil sump heater
Anti-condensation heater
Coolant heater
Wiring for canopy space heater
Lube oil sump heater
Coolant heater
Battery heater
Anti-condensation heater
Jacket water heater

EXHAUST SYSTEM
10, 25 and 35 dBA silencer systems
Overhead silencer mounting kit
10, 25 and 35 dBA silencer systems
Overhead silencer mounting kit
FUEL SYSTEM

Tank riser

Emergency vent pipe

5 gallon spill containment

209 and 394 gallon sub-base fuel tanks

5 gallon fill containment

Tank riser

5 gallon fill containment

5 gallon spill containment

209 and 394 gallon sub-base fuel tanks

Emergency vent pipe

GENERATORS

Permanent magnet generator

Permanent magnet generator

MOUNTING SYSTEM

Seismic vibration isolators

Seismic vibration isolators

TESTS

4 Hour factory test

PGS test report @ 1.0 power factor

PGS test report @ 0.8 power factor

Generator test report

4 Hour factory test

PGS test report @ 1.0 power factor

PGS test report @ 0.8 power factor

Generator test report