

PRODUCT SPECIFICATIONS FOR D60 GC

GENERATOR SET SPECIFICATIONS

Minimum Rating	60 ekW
Maximum Rating	60 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	C4.4, In-line 4, 4-cycle diesel
Bore	4.1 in
Stroke	5 in
Displacement	269 in
Compression Ratio	16.7:1
Aspiration	Turbocharged
Fuel System	Electronic (adjustable)
Governor Type	Mechanical, ADEM™ A4

GENERATOR SET DIMENSIONS

Length - Maximum	77.2 in
Width - Maximum	43.3 in
Height - Maximum	48 in

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 terminal 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 gauge 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 auxilliary 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 terminal 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

Overhaed silencer mounting kit

10, 25 and 35 dBA silencer systems

Overhaed 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