

# PRODUCT SPECIFICATIONS FOR DE65 GC (50 HZ)

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## GENERATOR SET SPECIFICATIONS

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<b>Minimum Rating</b>	65 kVA
<b>Maximum Rating</b>	65 kVA
<b>Emissions/Fuel Strategy</b>	Non Regulated
<b>Voltage</b>	380 to 415 Volts
<b>Frequency</b>	50 Hz
<b>Speed</b>	1500 rpm
<b>Duty Cycle</b>	Standby

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## ENGINE SPECIFICATIONS

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<b>Engine Model</b>	Cat® C3.3, In-line 3, 4-cycle diesel
<b>Bore</b>	105 mm
<b>Stroke</b>	127 mm
<b>Displacement</b>	3.3 l
<b>Compression Ratio</b>	17.25:1
<b>Aspiration</b>	Turbocharged
<b>Fuel System</b>	Inline
<b>Governor Type</b>	Mechanical

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## GENERATOR SET DIMENSIONS

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<b>Length - Maximum</b>	2278 mm
<b>Width - Maximum</b>	900 mm
<b>Height - Maximum</b>	1322 mm

**Dry Weight - Genset (maximum)**

1031 kg

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## DE65 GC (50 HZ) STANDARD EQUIPMENT

### ENGINE

C3.3, Inline 3 cylinder, 4 stroke diesel

### GENSET CONTROL

GCCP 1.1

### GOVERNOR

Mechanical governor

### ALTERNATOR

A Frame standard alternator

### FUEL STORAGE

Single wall 8 hour tank

### ENCLOSURE

Cat GC enclosure

### AIR, COOLING & EXHAUST

Enclosure silencer

### GENERAL

Engine and alternator pre-paint, Caterpillar yellow

# DE65 GC (50 HZ) OPTIONAL EQUIPMENT

## CERTIFICATION

Certificate of Conformance

Australia, CIS, Gulf Certification

## ALTERNATOR REQUIREMENTS

Space heater

## AUXILIARY SUPPLY VOLTAGE

120V

## FUEL STORAGE

Dual wall 8 hour tank

Single wall tank with containment

Low fuel level alarm

Low fuel level shutdown

High fuel level alarm

## GENSET CONTROL

Battery charger

Volt free contacts for common alarm

Volt free contacts for genset running

Panel mounted audible alarm

Earth fault

Earth leakage

USB to RS485 communications device

Emergency stop with key

Battery

Standby Pack (Smart jacket water heater, battery charger)

Coolant heater

Low coolant level shutdown

## CIRCUIT BREAKER

3 Pole circuit breaker 63A

3 Pole circuit breaker 80A

3 Pole circuit breaker 100A

3 Pole circuit breaker 125A

3 Pole circuit breaker 160A

3 Pole circuit breaker 200A

4 Pole circuit breaker 80A

4 Pole circuit breaker 63A

4 Pole circuit breaker 100A

4 Pole circuit breaker 125A

4 Pole circuit breaker 160A

4 Pole circuit breaker 200A

Circuit breaker padlock

Neutral earth link

Overload via alarm switch on breaker

#### TESTING & PACKAGING

PGS Test Report @ 1.0 power factor

PGS Test Report @ 0.8 power factor

