

# PRODUCT SPECIFICATIONS FOR DE55 GC (50 HZ)

US Metric

<b>Minimum Rating</b>	55 kVA
<b>Maximum Rating</b>	55 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

<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

<b>Length - Maximum</b>	1945 mm
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**Width - Maximum**

870 mm

**Height - Maximum**

1238 mm

**Dry Weight - Genset (maximum)**

959 kg

## **DE55 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

## **DE55 GC (50 HZ) OPTIONAL EQUIPMENT CERTIFICATION**

Australia, CIS, Gulf Certification  
Certificate of Conformance

### **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 genset running  
Volt free contacts for common alarm  
Earth fault  
Panel mounted audible alarm  
Earth leakage  
USB to RS485 communications device  
Emergency stop with key  
Low coolant level shutdown  
Standby Pack (Smart jacket water heater, battery charger)

Battery

Coolant heater

## **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

