

# PRODUCT SPECIFICATIONS FOR DE33 GC (50 HZ)

US Metric

**Minimum Rating** 33 kVA

**Maximum Rating** 33 kVA

**Emissions/Fuel Strategy** Non Regulated

**Voltage** 380 to 415 Volts

**Frequency** 50 Hz

**Speed** 1500 rpm

**Duty Cycle** Standby

**Engine Model** Cat® C3.3, In-line 3, 4-cycle diesel

**Bore** 105 mm

**Stroke** 127 mm

**Displacement** 3.3 l

**Compression Ratio** 19.25:1

**Aspiration** Naturally Aspirated

**Fuel System** Inline

**Governor Type** Mechanical

**Length - Maximum** 1945 mm

**Width - Maximum**

870 mm

**Height - Maximum**

1238 mm

**Dry Weight - Genset (maximum)**

959 kg

## **DE33 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

## **DE33 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 common alarm

Volt free contacts for genset running

Earth fault

Earth leakage

USB to RS485 communications device

Emergency stop with key

Panel mounted audible alarm

Standby Pack (Smart jacket water heater, battery charger)

Coolant heater

Low coolant level shutdown

Battery

## **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 63A

4 Pole circuit breaker 80A

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

