

# Product Specifications For DE220 GC (50 Hz)



## Generator Set Specifications

Maximum Rating	217 kVA
Minimum Rating	217 kVA
Emissions/Fuel Strategy	Non Regulated
Voltage	380 to 415 Volts
Frequency	50 Hz
Speed	1500 rpm
Duty Cycle	Standby

## Engine Specifications

Engine Model	C7.1 I-6, 4-Cycle Diesel
Bore	4.1 in
Stroke	5.3 in
Displacement	427.8 in <sup>3</sup>
Compression Ratio	16.0:1
Aspiration	Turbocharged Air To Air Charge Cooled
Fuel System	Inline
Governor Type	Mechanical

## Generator Set Dimensions

Length - Maximum	130.9 in
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<b>Width - Maximum</b>	44.6 in
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<b>Height - Maximum</b>	65.6 in
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<b>Dry Weight - Genset (maximum)</b>	4261.5 lb
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## **DE220 GC (50 Hz) Standard Equipment**

### **Engine**

C7.1, Inline 6 cylinder, 4 stroke diesel

### **Control Panels**

GCCP 1.1

### **Enclosure**

Cat GC enclosure

### **Alternator**

A Frame standard alternator

### **Governor**

Mechanical governor

### **Fuel Storage**

Single wall 8 hour fuel tank

### **Air, Cooling & Exhaust**

Enclosure silencer

### **General**

Engine and alternator pre-paint, Caterpillar yellow

## **DE220 GC (50 Hz) Optional Equipment**

### **Certification**

Certificate of Conformance  
Australia, CIS, Gulf Certification

### **Auxiliary Supply Voltage**

120V

## **Alternator Requirements**

Space heater

## **Fuel Storage**

Dual wall 8 hour fuel tank

High fuel level alarm

Low fuel level alarm

Low fuel level shutdown

Single wall tank with containment

## **Genset Control**

Earth leakage

Volt free contacts for common alarm

Volt free contacts for genset running

Battery charger

Panel mounted audible alarm

Earth fault

Emergency stop with key

USB to RS485 Communications device

Coolant heater

Low coolant level shutdown

Battery

Standby Pack (Smart Jacket water heater, Battery charger)

## **Circuit Breaker**

4 Pole Circuit breaker 200A

4 Pole Circuit breaker 250A

3 Pole Circuit breaker 630A

3 Pole Circuit breaker 200A

3 Pole Circuit breaker 250A

4 Pole Circuit breaker 400A

4 Pole Circuit breaker 630A

Circuit breaker padlock

Neutral earth link

Overload via alarm switch on breaker

## **Testing & Packaging**

PGS Test report @ 1.0 power factor

PGS Test report @ 0.8PF

## **Global Certifications**

Certification for CIS