

# Product Specifications For DE500 GC



## Generator Set Specifications

Maximum Rating	500 kVA
Minimum Rating	500 kVA
Emissions/Fuel Strategy	Non Regulated
Voltage	380 to 415 Volts
Frequency	50 Hz
Speed	1500 rpm
Duty Cycle	Standby

## Engine Specifications

Engine Model	C13 In-line 6, 4-cycle diesel
Bore	130 mm
Stroke	157 mm
Displacement	12.5 l
Compression Ratio	15.8:1
Aspiration	Turbocharged Air-to-Air Aftercooled
Fuel System	EUI
Governor Type	Adem™A4

## Generator Set Dimensions

Length - Maximum	3100 mm
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**Width - Maximum**

1338 mm

**Height - Maximum**

2168 mm

**Dry Weight - Genset (maximum)**

2924 kg

## **DE500 GC Standard Equipment**

### **Engine**

Cat® C13 Inline 6 cylinder, 4 stroke diesel

### **Control Panels**

GCCP 1.1

### **Governor**

Mechanical governor

### **Alternator**

A Frame standard alternator

### **Fuel Storage**

Single wall 8 hour fuel tank

### **Cooling System**

Radiator and cooling fan with guards

Fan drive, battery charging alternator drive

### **Electrical Options**

3 Pole Circuit breaker

Neutral earth link

24 Volt battery with rack and cables

### **Air Inlet System**

Air cleaner; light duty with disposable element

### **Lube System**

Lubricating oil

Oil drain line with valve

### **Mounting System**

Captive linear vibration isolators  
Lifting provision and drag points

## **General**

Engine and alternator pre paint, Caterpillar yellow

## **DE500 GC Optional Equipment**

### **Control Panel**

Speed and Voltage adjust potentiometers  
PLG 4G/3G/Ethernet  
Annunciator  
Emergency E-Stop

### **Enclosure**

Cat GC enclosure

### **Electrical Options**

4 Pole Circuit breaker  
Auxiliary contacts  
Padlockable circuit breaker  
Battery charger  
Wet battery

### **Alternator**

Space heater  
AVR

### **Fuel System**

Dual wall 8 hour fuel tank  
Single wall 8 hour fuel tank with spill containment  
Low fuel level shutdown  
Low and high fuel level alarms

### **Exhaust System**

Industrial silencer  
10 dBA Attenuation silencer

### **Air Inlet System**

Single stage air filter  
Dual element air filter

### **Certifications**

EU Certificate of Conformance (CE)

EAC Certification

## **Extended Service Coverage**

3, 4, 5 and 10 Years