

# Product Specifications For C1.5 (50 Hz)



## Generator Set Specifications

Maximum Rating	13.5 kVA
Minimum Rating	10 kVA
Emissions/Fuel Strategy	R96/EUIIIa Equivalent
Voltage	110 to 415 Volts
Frequency	50 Hz
Speed	1500 rpm
Duty Cycle	Standby, Prime

## Engine Specifications

Engine Model	Cat® C1.5
Bore	84 mm
Stroke	90 mm
Displacement	1.5 l
Compression Ratio	22.5:1
Aspiration	Naturally Aspirated
Fuel System	Indirect Injection
Governor Type	Mechanical

## Generator Set Dimensions

Length - Maximum	1400 mm
------------------	---------

**Width - Maximum**

620 mm

**Height - Maximum**

1054 mm

## **C1.5 (50 Hz) Standard Equipment**

### **Exhaust System**

Stub pipe, gaskets, raincap & SAE exhaust flange for customer use - shipped loose

### **Control Panel**

GCCP 1.3

### **Cooling System**

Coolant drain line with valve

Caterpillar extended life coolant

Radiator and cooling fan with guards

Fan drive, battery charging alternator drive

### **Air Inlet System**

Air cleaner; light duty with disposable element

### **Fuel System**

Base, formed steel with single wall integral 8-hour fuel tank

Standard open set fuel tank/base supplied

### **Generators And Generator Attachments**

Segregated low voltage (AC/DC) wiring panel

Circuit breaker, IEC, 3 pole, mounted in tower panel

IP23 Protection

12 Leads

Tower panel, IP22, bottom cable entry

Voltage regulator (single phase sensing)

### **Governing System**

Mechanical governing system

### **Lube System**

Lubricating oil

Oil drain line with valve

### **Mounting System**

Captive linear vibration isolators between base and engine-generator includes lifting provisions and termination points for coolant

## **Starting / Charging System**

12 Volt battery with rack and cables

## **General**

Engine and alternator pre-paint, Caterpillar yellow

## **C1.5 (50 Hz) Optional Equipment**

### **Alternator Options**

Coastal insulation protection

### **Certificates**

European upgrade to STD set for CE certificate

Global certification for CIS

### **Circuit Breakers**

4 Pole Circuit breaker

Padlockable breaker device

### **Control Panel Options**

Volt free contacts for common alarm

Volt free contacts for genset running

Emergency stop with key

Battery charger

GCCP 1.3

### **Cooling System**

Coolant heater

### **Enclosures**

Sound attenuated enclosure (GALV)

Single point lift for enclosure

### **Fuel System**

Low fuel level alarm

### **Mounting Options**

Industrial silencer removal

Silencer installation kit

Battery removal

# **Special Test And Inspection**

PGS Test report @ 1.0 power factor

## **General**

Radiator stone guard

Packing Case - compact set

Packing case - canopied set