

# PRODUCT SPECIFICATIONS FOR C1.5 (50 HZ)



<b>Maximum Rating</b>	13.5 kVA
<b>Minimum Rating</b>	10 kVA
<b>Emissions/Fuel Strategy</b>	R96/EUIIIa Equivalent
<b>Voltage</b>	110 to 415 Volts
<b>Frequency</b>	50 Hz
<b>Speed</b>	1500 rpm
<b>Duty Cycle</b>	Standby, Prime
<b>Engine Model</b>	Cat® C1.5
<b>Bore</b>	3.3 in
<b>Stroke</b>	3.5 in
<b>Displacement</b>	91.3 in <sup>3</sup>
<b>Compression Ratio</b>	22.5:1
<b>Aspiration</b>	Naturally Aspirated
<b>Fuel System</b>	Indirect Injection
<b>Governor Type</b>	Mechanical
<b>Length - Maximum</b>	55.1 in

**Width - Maximum**

24.4 in

**Height - Maximum**

41.5 in

## **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

Pad-lockable 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

