

PRODUCT SPECIFICATIONS FOR DE220 GC (50 HZ)

GENERATOR SET SPECIFICATIONS

| | |
|--------------------------------|------------------|
| Minimum Rating | 217 kVA |
| Maximum 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 | 105 mm |
| Stroke | 135 mm |
| Displacement | 7 l |
| Compression Ratio | 16.0:1 |
| Aspiration | Turbocharged Air To Air Charge Cooled |
| Fuel System | Inline |
| Governor Type | Mechanical |

GENERATOR SET DIMENSIONS

| | |
|-------------------------|---------|
| Length - Maximum | 3325 mm |
| Width - Maximum | 1134 mm |
| Height - Maximum | 1666 mm |

Dry Weight - Genset (maximum)

1933 kg

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 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 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 @ 1.0PF

DCS Test Report @ 0.8PF

FCS Test Report @ 0.01

GLOBAL CERTIFICATIONS

Certification for CIS

