PRODUCT SPECIFICATIONS FOR DE165 GC (50 HZ)

GENERATOR SET SPECIFICATIONS

Minimum Rating	163.9 kVA
Maximum Rating	163.9 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)	4043 kg

DE165 GC (50 HZ) STANDARD EQUIPMENT

ENGINE

C7.1, Inline 6 Cylinder, 4 Stroke Diesel

CONTROL PANELS

GCCP 1.1

ALTERNATOR

A Frame Standard Alternator

FUEL STORAGE

Single Wall 8 Hour Tank

GOVERNOR

Mechanical Governor

ENCLOSURE

Cat GC Enclosure

AIR, COOLING & EXHAUST

Enclosure Silencer

GENERAL

Engine and alternator pre-paint, Caterpillar Yellow

DE165 GC (50 HZ) OPTIONAL EQUIPMENT

AUXILIARY SUPPLY VOLTAGE

120V

CERTIFICATION

Certificate of Conformance

Australia, CIS, Gulf Certification

FUEL STORAGE

Dual Wall 8 Hour Tank

High Fuel Level Alarm

Single Wall Tank With Containment

Low Fuel Level Shutdown

Low Fuel Level Alarm

ALTERNATOR REQUIREMENTS

- Space Heater

GENSET CONTROL

- Volt Free Contacts for Common Alarm
- Volt Free Contacts for Genset Running
- Battery Charger
- Panel Mounted Audible Alarm
- Earth Leakage
- USB to RS485 Communications Device
- Earth Fault
- Emergency Stop with Key
- Coolant Heater
- Battery
- Standby Pack (Smart Jacket Water Heater, Battery Charger)
- Low Coolant Level Shutdown

CIRCUIT BREAKER

- 4 Pole Circuit Breaker 200A
- 3 Pole Circuit Breaker 630A
- 4 Pole Circuit Breaker 250A
- 3 Pole Circuit Breaker 200A
- 3 Pole Circuit Breaker 250A
- 4 Pole Circuit Breaker 630A
- 4 Pole Circuit Breaker 400A
- Circuit Breaker Padlock
- Neutral Earth Link
- Overload via Alarm Switch on Breaker
- 3 Pole Circuit Breaker 400A

TESTING & PACKAGING

- PGS Test Report @ 1.0PF

PGS Test Report @ 1.0PF

PGS Test Report @ 0.8PF