PRODUCT SPECIFICATIONS FOR DE220 GC (50 HZ)

GENERATOR SET SPECIFICATIONS

Maximum Rating	217 kVA
Minimum 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 fuel 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 fuel 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 @ 1.0 power factor
PGS Test report @ 0.8PF

GLOBAL CERTIFICATIONS

Certification for CIS