

PRODUCT SPECIFICATIONS FOR DE50 GC (60 HZ)

US Metric

Minimum Rating 45 ekW

Maximum Rating 45 ekW

Emissions/Fuel Strategy Non Regulated

Voltage 220 to 480 Volts

Frequency 60 Hz

Speed 1800 rpm

Duty Cycle Standby

Engine Model Cat® C3.3, In-line 3, 4-cycle diesel

Bore 105 mm

Stroke 127 mm

Displacement 3.3 l

Compression Ratio 17.25:1

Aspiration Turbocharged

Fuel System Inline

Governor Type Mechanical

Length - Maximum 2278 mm

Width - Maximum

900 mm

Height - Maximum

1322 mm

Dry Weight - Genset (maximum)

2273 kg

DE50 GC (60 HZ) STANDARD EQUIPMENT ENGINE

C3.3, Inline 3 Cylinder, 4 Stroke Diesel

GENSET CONTROL

GCCP 1.1

GOVERNOR

Mechanical Governor

ALTERNATOR

A Frame Standard Alternator

FUEL STORAGE

Single Wall 8 Hour Tank

ENCLOSURE

Cat GC Enclosure

AIR, COOLING & EXHAUST

Enclosure Silencer

GENERAL

Engine and alternator pre-paint, Caterpillar yellow

DE50 GC (60 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

Single Wall Tank With Containment

Low Fuel Level Shutdown

Low Fuel Level Alarm

High Fuel Level Alarm

GENSET CONTROL

Battery Charger

Volt Free Contacts for Common Alarm

Volt Free Contacts for Genset Running

Earth Leakage

Earth Fault

USB to RS485 Communications Device

Emergency Stop with Key

Panel Mounted Audible Alarm

Coolant Heater

Standby Pack (Smart Jacket Water Heater, Battery Charger)

Battery

Low Coolant Level Shutdown

CIRCUIT BREAKER

3 Pole Circuit Breaker 63A

3 Pole Circuit Breaker 80A

3 Pole Circuit Breaker 100A

3 Pole Circuit Breaker 125A

3 Pole Circuit Breaker 160A

3 Pole Circuit Breaker 200A

4 Pole Circuit Breaker 63A

4 Pole Circuit Breaker 80A

4 Pole Circuit Breaker 100A

4 Pole Circuit Breaker 125A

4 Pole Circuit Breaker 160A

4 Pole Circuit Breaker 200A

Circuit Breaker Padlock

Neutral Earth Link

Overload via Alarm Switch on Breaker

TESTING & PACKAGING

PGS Test Report @ 1.0PF

PGS Test Report @ 0.8PF

