

Product Specifications For DE33 GC (50 Hz)



Generator Set Specifications

Maximum Rating	33 kVA
Minimum Rating	33 kVA
Emissions/Fuel Strategy	Non Regulated
Voltage	380 to 415 Volts
Frequency	50 Hz
Speed	1500 rpm
Duty Cycle	Standby

Engine Specifications

Engine Model	Cat® C3.3, In-line 3, 4-cycle diesel
Bore	105 mm
Stroke	127 mm
Displacement	3.3 l
Compression Ratio	19.25:1
Aspiration	Naturally Aspirated
Fuel System	Inline
Governor Type	Mechanical

Generator Set Dimensions

Length - Maximum	1945 mm
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Width - Maximum	870 mm
Height - Maximum	1238 mm
Dry Weight - Genset (maximum)	959 kg

DE33 GC (50 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 fuel tank

Enclosure

Cat GC enclosure

Air, Cooling & Exhaust

Enclosure silencer

General

Engine and alternator pre-paint, Caterpillar yellow

DE33 GC (50 Hz) Optional Equipment

Certification

Australia, CIS, Gulf Certification
Certificate of Conformance

Alternator Requirements

Space heater

Auxiliary Supply Voltage

120V

Fuel Storage

Dual wall 8 hour fuel tank
Single wall tank with containment
Low fuel level alarm
Low fuel level shutdown
High fuel level alarm

Genset Control

Battery charger
Volt free contacts for common alarm
Volt free contacts for genset running
Earth fault
Earth leakage
USB to RS485 Communications device
Emergency stop with key
Panel mounted audible alarm
Standby Pack (Smart Jacket water heater, Battery charger)
Coolant heater
Low coolant level shutdown
Battery

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 @ 1.0 power factor
PGS Test report @ 0.8 power factor