

PRODUCT SPECIFICATIONS FOR C2.2 (60 HZ)

GENERATOR SET SPECIFICATIONS

Minimum Rating	15.5 ekW
Maximum Rating	20 ekW
Emissions/Fuel Strategy	R96/EU IIIa Equivalent
Voltage	110 to 415 Volts
Frequency	60 Hz
Speed	1800 rpm
Duty Cycle	Standby, Prime

ENGINE SPECIFICATIONS

Engine Model	Cat® C2.2, In-line 4, 4-cycle diesel
Bore	3.3 in
Stroke	3.9 in
Displacement	135.2 in ³
Compression Ratio	22.5:1
Aspiration	Naturally Aspirated
Fuel System	Indirect Injection
Governor Type	Mechanical

GENERATOR SET DIMENSIONS

Length - Maximum	59.1 in
Width - Maximum	24.4 in
Height - Maximum	43.9 in

C2.2 (60 HZ) STANDARD EQUIPMENT

AIR INLET SYSTEM

Air cleaner; light duty with disposable element

Air cleaner; light duty with disposable element

CONTROL PANEL

EMCP 4.1

EMCP4.1 control panel

COOLING SYSTEM

Fan drive, battery charging alternator drive

Caterpillar extended life coolant

Coolant drain line with valve

Radiator and cooling fan with guards

Radiator and cooling fan with guards

EXHAUST SYSTEM

Stub pipe, gaskets, raincap & SAE exhaust flange for customer use; shipped loose

Stub pipe, gaskets, raincap & SAE exhaust flange for customer use; shipped loose

FUEL SYSTEM

Base, formed steel with single wall integral 8-hour fuel tank

Standard open set fuel tank / base supplied

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Base, formed steel with single wall integral 8-hour fuel tank

GENERATORS AND GENERATOR ATTACHMENTS

Tower panel, IP22, bottom cable entry

Segregated low voltage (AC/DC) wiring panel

Circuit breaker, IEC, 3 pole, mounted in tower panel

Voltage regulator (single phase sensing)

12 leads

IDS Protection

IP23 PROTECTION

Segregated low voltage (AC/DC) wiring panel

IP23 Protection

Tower panel, IP22, bottom cable entry

12 leads

GOVERNING SYSTEM

Mechanical governing system

Mechanical governing system

LUBE SYSTEM

Lubricating oil

Oil drain line with valve

Oil drain line with valve

Lubricating oil

MOUNTING SYSTEM

Captive linear vibration isolators between base and engine-generator

Includes lifting provisions and termination points for coolant

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STARTING / CHARGING SYSTEM

12 Volt battery with rack and cables

12V battery with rack & cables

GENERAL

Engine and alternator pre-paint, Caterpillar yellow

C2.2 (60 HZ) OPTIONAL EQUIPMENT

ALTERNATOR OPTIONS

Coastal insulation protection

CERTIFICATES

Global certification for CIS

European upgrade to STD set for CE certificate

CIRCUIT BREAKERS

Pad-locable breaker device

4 Pole circuit breaker

CONTROL PANEL OPTIONS

Volt free contacts for common alarm

Volt free contacts for genset running

EMCP 4.2

Emergency stop with key

Battery charger

COOLING SYSTEM

Coolant heater

ENCLOSURES

Single point lift for enclosure

Sound attenuated enclosure (GALV)

FUEL SYSTEM

1000 hr extended service interval

Base feet

Skidbase for Enclosures

Fuel transfer control

DEFRA bunded fuel tank

Skidbase for open sets

Low fuel level alarm

MOUNTING OPTIONS

Battery removal

Silencer installation kit

Industrial silencer removal

SPECIAL TEST AND INSPECTION

PGS test report @ 1.0 power factor

GENERAL

Radiator Stone Guard

Packing Case - compact set

Packing case - canopied set