

PRODUCT SPECIFICATIONS FOR C2.2 (60 HZ)

US Metric

Minimum Rating 15.5 ekW

Maximum Rating 20 ekW

Emissions/Fuel Strategy R96/EUIIIa Equivalent

Voltage 110 to 415 Volts

Frequency 60 Hz

Speed 1800 rpm

Duty Cycle Standby, Prime

Engine Model Cat® C2.2, In-line 4, 4-cycle diesel

Bore 84 mm

Stroke 100 mm

Displacement 2.2 l

Compression Ratio 22.5:1

Aspiration Naturally Aspirated

Fuel System Indirect Injection

Governor Type Mechanical

Length - Maximum 1500 mm

Width - Maximum

620 mm

Height - Maximum

1115 mm

C2.2 (60 HZ) STANDARD EQUIPMENT

AIR INLET SYSTEM

Air cleaner; light duty with disposable element

CONTROL PANEL

GCCP 1.3

COOLING SYSTEM

Radiator and cooling fan with guards

Fan drive, battery charging alternator drive

Caterpillar extended life coolant

Coolant drain line with valve

EXHAUST SYSTEM

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

FUEL SYSTEM

Standard open set fuel tank / base supplied

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

GENERATORS AND GENERATOR ATTACHMENTS

IP23 Protection

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

12 Leads

Segregated low voltage (AC/DC) wiring panel

Voltage regulator (single phase sensing)

Tower panel, IP22, bottom cable entry

GOVERNING SYSTEM

Mechanical governing system

Mechanical governing system

LUBE SYSTEM

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

STARTING / CHARGING SYSTEM

12 Volt battery with rack and 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

4 Pole circuit breaker

Pad-lockable breaker device

CONTROL PANEL OPTIONS

Volt free contacts for common alarm

Battery charger

Volt free contacts for genset running

Emergency stop with key

GCCP 1.3

COOLING SYSTEM

Coolant heater

ENCLOSURES

Single point lift for enclosure

Sound attenuated enclosure (GALV)

FUEL SYSTEM

Skidbase for enclosures

Skidbase for open sets

1000 Hr extended service interval

DEFRA bunded fuel tank

Fuel transfer control

Base feet

Low fuel level alarm

MOUNTING OPTIONS

Silencer installation kit

Industrial silencer removal

Battery removal

SPECIAL TEST AND INSPECTION

PGS test report @ 1.0 power factor

GENERAL

Packing case - compact set

Radiator stone guard

Packing case - canopied set

