

Caterpillar is leading the power generation marketplace with Power Solutions engineered to deliver unmatched flexibility, expandability, reliability, and cost-effectiveness.



Specifications

Generator Set Specifications	
Minimum Rating	24.0 kVA
Maximum Rating	65.0 kVA
Voltage	110 to 480 Volts
Frequency	50 Hz
Speed	1500 RPM

Generator Set Configurations	
Emissions/Fuel Strategy	Non Regulated, EU Stage II and EU Stage IIIA

Engine Specifications		
Engine Model	Cat® C3.3	
Bore	105 mm	4.1 in
Displacement	3.3 L	201.4 in ³
Stroke	127 mm	5 in
Compression Ratio	17.25:1, 19.25:1	
Governor Type	Mechanical	
Fuel System	Direct Injection	

Benefits and Features

Cat Diesel Engine

- Reliable, rugged, durable design
- Field-proven in thousands of applications worldwide
- Four-stroke-cycle diesel engine combines consistent performance and excellent fuel economy with minimum weight

Generator

Matched to the performance and output characteristics of Cat engines
Industry leading mechanical and electrical design
Industry leading motor starting capabilities
IP 23 Protection

Cat EMCP Control Panel

The EMCP controller features the reliability and durability you have come to expect from your Cat equipment. The EMCP 4 is a scalable control platform designed to ensure reliable generator set operation, providing extensive information about power output and engine operation. EMCP 4 systems can be further customized to meet your needs through programming and expansion modules. The EMCP4.1 is fitted as standard.

Design Criteria

The generator set is designed to meet ISO8528-5 transient response and NFPA 110.
Cooling system designed to operate in 50°C / 122°F ambient temperatures with an air flow restriction of 0.5 in. water.

CE Certification

CE Certification available

World Wide Product Support

Cat dealers provide extensive post-sale support including maintenance and repair agreements. Cat dealers have over 1,800 dealer branch stores operating in 200 countries. The Caterpillar S•O•SSM program cost effectively detects internal engine component condition, even the presence of unwanted fluids and combustion by-products

General

Single wall 8 hour wide fuel tank
Circuit breaker, IEC, 3 pole
Industrial Silencer (10dBA)

Optional Equipment

Exhaust

- Residential Silencers (25dBA)
- Silencer Installation Kit

Enclosures

- Sound Attenuated Level 1 (galvanised)
- Single point lift
- Rental Pack (available with Level 2 enclosure only)
- CEE Form Sockets (available with Level 2 enclosure only)

Fuel System

- Extended capacity dual wall tank (DEFRA)
- Narrow tank base for open sets

Generator

- Coastal Insulation Protection
- Permanent magnet generator
- Anti-condensation heater

Control System

- EMCP (4.2)
- Static battery charger
- Control panel heater
- Volt free contacts for common alarm
- Volt free contacts for generator set running

Cooling System

- Coolant heater

Power Termination

- Circuit breaker, IEC, 4 pole

Extended Service Contract

- 2 Year Extended Service Contract (ESC)
- 3 Year Extended Service Contract (ESC)
- 4 Year Extended Service Contract (ESC)
- 5 Year Extended Service Contract (ESC)
- 10 Year Extended Service Contract (ESC)

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