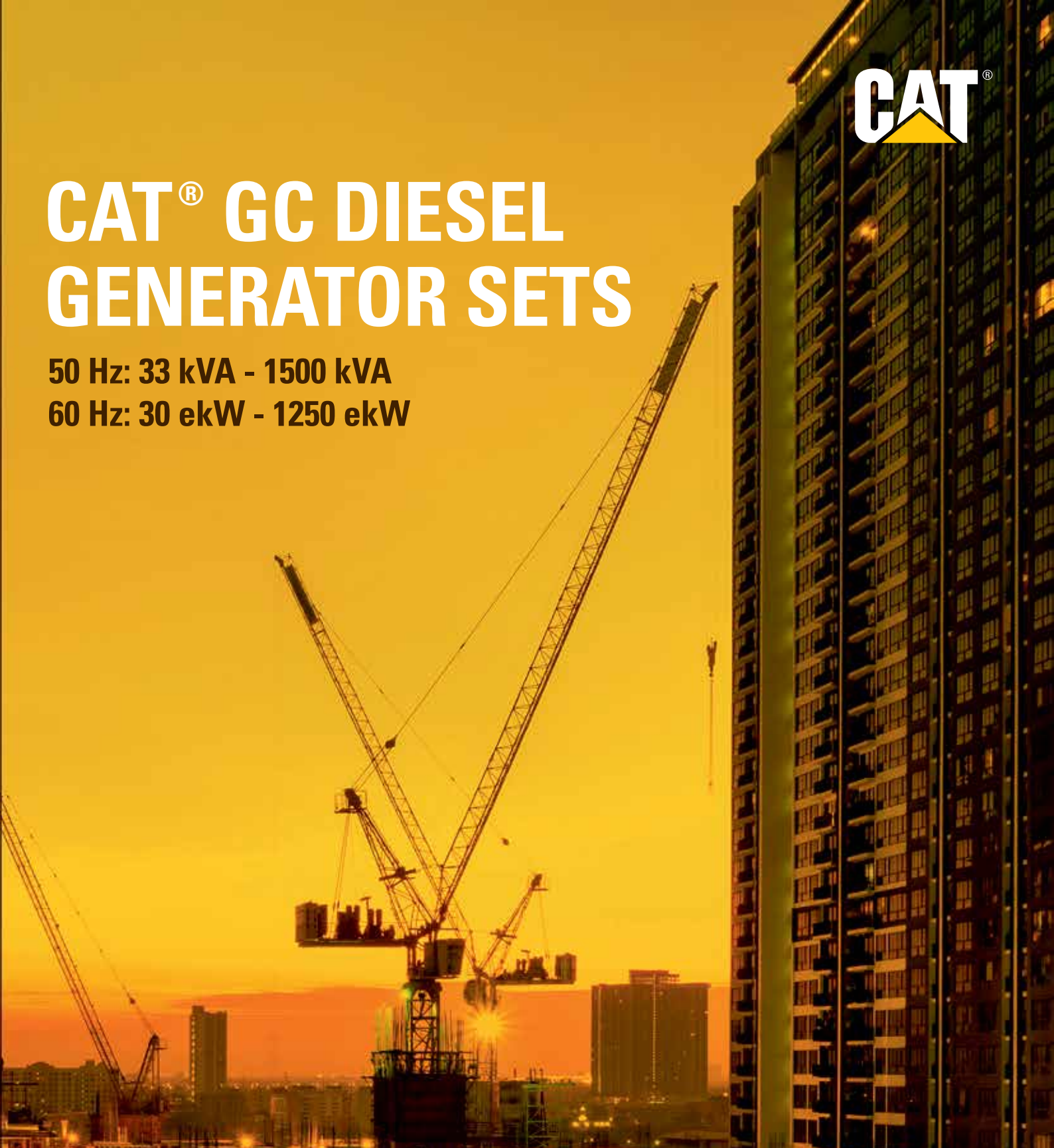




CAT[®] GC DIESEL GENERATOR SETS

50 Hz: 33 kVA - 1500 kVA

60 Hz: 30 ekW - 1250 ekW



INTRODUCTION TO CAT GC

The Cat® GC generator sets offer a powerful solution to a range of businesses including healthcare, manufacturing, commercial, construction and many more customers seeking affordable and reliable power.

Cat GC generator sets are tailored for stationary standby use and are powered by reliable Cat diesel engines. With around 160 dealers in 190 countries, Cat offers comprehensive support, from installation to maintenance, ensuring peak performance throughout the generator set's life.

Services include system selection, equipment training, parts, maintenance, and service expertise, available whenever needed. A standard 2-year warranty covers all major components, with an option for Extended Service Coverage (ESC) up to 5 years. Spare parts can be ordered 24/7 on parts.cat.com, with a 98% availability within 48 hours.



CAT QUALITY



CAT PERFORMANCE



EXCEPTIONAL VALUE



CAT GC MODELS For Global Offering#

50 Hz: 33 kVA - 1500 kVA

ENGINE MODEL	GENSET MODEL	STANDBY RATING (kVA)
C3.3	DE33 GC	33
C3.3	DE50 GC	50
C3.3	DE55 GC	55
C3.3	DE65 GC	65
C4.4	DE88 GC	88
C4.4	DE110 GC	110
C7.1	DE150 GC	150
C7.1	DE165 GC	165
C7.1	DE200 GC	200
C7.1	DE220 GC	220
C9.3B	DE400 GC	400
C13	DE450 GC	450
C13	DE500 GC	500
C13	DE550 GC	550
C15	DE605 GC	605
C15	DE660 GC	660
C15	DE715 GC	715
C32	DE1100 GC	1100
C32	DE1250 GC	1250
C32	DE1400 GC	1400
C32	DE1500 GC	1500

60 Hz: 30 ekW - 1250 ekW

ENGINE MODEL	GENSET MODEL	STANDBY RATING (kVA)
C3.3	DE33 GC	30
C3.3	DE50 GC	45
C3.3	DE55 GC	50
C3.3	DE65 GC	60
C4.4	DE88 GC	80
C4.4	DE110 GC	100
C7.1	DE150 GC	132
C7.1	DE165 GC	150
C7.1	DE200 GC	175
C9.3B	DE350S GC	350
C9.3B	DE400S GC	400
C13	DE450S GC	450
C13	DE500S GC	500
C13	DE550S GC	550
C15	DE600S GC	600
C27	DE800S GC	800
C32	DE1000S GC	1000
C32	DE1250S GC	1250

#Excludes North America





STANDARD AND OPTIONAL FEATURES

- ▶ Cat® Engine
- ▶ ADEM™ A4
- ▶ Conforms to ISO 8528-5 governing and load acceptance levels
- ▶ Cat GCCP controller IP65, CE certified*, AMF and Auto-mode in one controller
- ▶ Cat GC standby option pack
 - Includes coolant jacket water heater with digital timing switch
- ▶ 1000L integral fuel tank for C27 / C32*
- ▶ Integral 8-hour fuel tank (single and dual wall) with 110% spill containment*
- ▶ Compact and efficient Automatic Voltage Regulator (AVR)
- ▶ 3-Pole and 4-Pole* circuit breakers
- ▶ Circuit breaker padlock
- ▶ Space heater*
- ▶ Factory tested to full load specifications
- ▶ Cat GC Sound attenuated enclosures with emergency stop
- ▶ Cat PL444 Radio to collect and oversee engine information
- ▶ Cat CONNECT subscription* to monitor, manage and enhance operations

*Optional feature

EXPLORING KEY FEATURES



ENGINE

- ▶ Reliable, tried and tested Cat diesel engines power these gensets that deliver consistent performance and fuel efficiency.
- ▶ All gensets are shipped with engine oil and coolant capable of unassisted starting at temperatures as low as -10°C and are always ready to take on the requirements of your standby load.



ALTERNATOR

- ▶ Brushless, self-excited, open drip proof A-Frame alternators are rated at IP21 for water ingress protection and are built with robust Class-H insulation and provide industry-leading motor starting capability and altitude capabilities.
- ▶ A space heater option is available providing additional protection against moisture.



VIBRATION ISOLATORS

- ▶ Anti-vibration rubber pad mountings minimize vibrations from engine bed to installation base.



FILTERS

- ▶ Cartridge-type industrial-quality air filters and canister type oil and fuel filters offer easy serviceability with Caterpillar Service and parts available at fingertips on parts.cat.com with 24x7 service support.
- ▶ Aftermarket service kits available from local dealer for do-it-yourself customers.



STANDBY PACK

CAT GC EXCLUSIVE

- ▶ Designed and available exclusively for the Cat GC models, the Cat GC Standby Pack is a combination of Coolant Heater, a 5A Battery Charger and a Digital timer switch. The Standby Pack ensures your genset is always ready to start and take load when required.



GUARDS

- ▶ Safe and secure heavy-gauge steel guarding with access hatches to all rotating parts including cooling fan, charging alternator and drive belts.
- ▶ Meets and exceeds Machinery Directive requirements and ISO8528-13 to protect users and operators.



TANK BASE

- ▶ Durable and compact tank design ensures stress-free operation and long life.
- ▶ Sloped tank for ease of cleaning with drain plug.
- ▶ Easy installation and transportability with enhanced lifting and mounting points at the tank base.
- ▶ Drip tray containment tanks – steel basin designed to contain a minimum of 110% of fuel/oil/coolant.

CAT GC EXCLUSIVE



C3.3 - C7.1

DE33 GC - DE200 GC



C9.3B - C15

DE350 GC - DE800S GC

WIRING

- ▶ Single optimized harness design for engine and controls. Clearly labeled and tagged power loom offers better routing and easy serviceability.

CONTROL PANEL

CAT GC EXCLUSIVE

- ▶ The Cat GCCP controller is a IP65 rated with AMF and Auto-mode in one controller.
- ▶ Easily programmable and user-friendly software helps in calibration with a simple USB cable.
- ▶ Easy-to-read symbols versus text is utilized for easier communication for operators in all languages.

EASE OF INSTALLATION

The Cat GC gensets are designed for easy installation and are built keeping in mind the field maintenance and serviceability requirements.

ENCLOSURES

- ▶ The Cat GC multi-door enclosure permits easy access for servicing of all genset components.
- ▶ CE compliant Cat GC enclosures offer industry standard sound attenuation levels with reduced footprint.
- ▶ A sloped roof ensures optimal water run-off in wetter climates. The one-piece roof design with no punched holes and folded edges prevent water accumulation on the roof.
- ▶ Punched grills on the front of the genset help in optimized air flow to meet ambient capability requirements.

AFTERMARKET SOLUTIONS

The Cat GC gensets are offered with several superior aftermarket solutions such as Extended Service Coverage (ESC), Customer Value Agreement (CVA) and Cat Connect for remote trouble shooting and monitoring thus ensuring reduced downtime and peace of mind for the users.



CUSTOMER PRODUCT SUPPORT AND SERVICES

At Caterpillar, we know your business demands more than just quality products. That's why you can count on the Cat global dealer network to offer the additional resources, reach and know-how that add value to your operation.

▶ EXTENDED SERVICE COVERAGE (ESC)

Avoid unexpected repair costs and protect your investment with coverage for parts and labor expenses. Combine ESC with a Customer Value Agreement for complete maintenance and repair protection.

▶ CONDITION MONITORING

Operate your genset at peak performance with guidance provided by Caterpillar experts. Using the latest technologies, condition monitoring advisors, data analysts and other industry specialists track all aspects of asset health and make recommendations to optimize overall operation and thereby reducing the ownership cost.

▶ CUSTOMER VALUE AGREEMENTS (CVA)

Customer Value Agreement (CVA) is a hassle-free ownership plan with your convenience in mind. Genuine Cat Parts delivered when you need them, right to your door, with instructions for trouble-free maintenance.

▶ LONG-TERM SERVICE AGREEMENT (LTSA)

When constant power is critical, you need a reliable expert to help manage the total care of your equipment. With expertise and steady support, a long-term service agreement (LTSA) helps you drive your business forward while controlling your costs and minimizing your risks.



C27 - C32

DE1000S GC - DE1500 GC

We're built to provide integrated solutions for all your electric power needs. Your Cat dealer is equipped with a full range of products, services and invaluable expertise to cater to your exact needs.

Visit cat.com/epcatgc to find out more about the Cat GC range or cat.com/dealerlocator to locate your local dealer.

LET'S DO THE WORK.™

Genset images shown in this document might not reflect the actual configuration.

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