



ELECTRIC POWER

CAT® GC DIESEL GENERATOR SETS

NORTH AMERICA

60 Hz: 40 ekW to 1250 ekW



Why Cat® GC Generator Sets?



VALUE-ENGINEERED PERFORMANCE



OPTIMIZED FOOTPRINT & INTEGRATION



PEACE OF MIND THROUGH SERVICE & SUPPORT

Dependable Power With Trusted Support

When reliable power is essential, operations demand a solution that delivers performance without complexity. Cat® GC generator sets provide dependable power for stationary standby applications designed to support business continuity, protect productivity, and deliver exceptional value.

Around 42 Cat dealers across North America are equipped with everything you need—from installing and configuring your Cat generator sets to maintaining peak performance throughout the life of the product. System selection assistance, equipment training, parts support, service expertise, and maintenance programs are available wherever and whenever you need them.

In addition, from 99% parts availability, 24-hour response and extended service coverage, we make sure no one gets left in the dark.



Engine Model	Generator Set Model	Phase		Max Rating (ekW)	Voltage (V)				Open Set Dimensions L x W x H (mm)	Emission
		1-Ph	3-Ph		208	240	480	600		
C4.4	D40 GC	✓	✓	40	✓	✓	✓	✓	1962 x 1100 x 1220	U.S. EPA TIER 3 / SCAQMD
C4.4	D50 GC	✓	✓	50	✓	✓	✓	✓	1962 x 1100 x 1220	U.S. EPA TIER 3 / SCAQMD
C4.4	D60 GC	✓	✓	60	✓	✓	✓	✓	1962 x 1100 x 1220	U.S. EPA TIER 3
C4.4	D80 GC	✓	✓	80	✓	✓	✓	✓	2097 x 1100 x 1343	U.S. EPA TIER 3
C4.4	D100 GC	✓	✓	100	✓	✓	✓	✓	2097 x 1100 x 1343	U.S. EPA TIER 3
C7.1	D125 GC	×	✓	125	✓	×	✓	✓	2634 x 1300 x 1402	U.S. EPA TIER 3
C7.1	D150 GC	×	✓	150	✓	×	✓	✓	2634 x 1300 x 1402	U.S. EPA TIER 3
C7.1	D175 GC	×	✓	175	✓	×	✓	✓	2634 x 1300 x 1492	U.S. EPA TIER 3
C7.1	D200 GC	×	✓	200	✓	×	✓	✓	2634 x 1300 x 1492	U.S. EPA TIER 3
C9	D250 GC	×	✓	250	✓	×	✓	✓	3950 x 1440 x 1706	U.S. EPA TIER 3
C9	D300 GC	×	✓	300	✓	×	✓	✓	3950 x 1440 x 1706	U.S. EPA TIER 3
C13	D350 GC	×	✓	350	✓	×	✓	✓	4625 x 1630 x 2039	U.S. EPA TIER 3
C13	D400 GC	×	✓	400	✓	×	✓	✓	4625 x 1630 x 2039	U.S. EPA TIER 3
C15	D450 GC	×	✓	450	✓	×	✓	✓	4815 x 1630 x 2034	U.S. EPA TIER 3
C15	D500 GC	×	✓	500	✓	×	✓	✓	4815 x 1630 x 2034	U.S. EPA TIER 2
C18	D550 GC	×	✓	550	✓	×	✓	✓	4980 x 1865 x 2009	U.S. EPA TIER 2
C18	D600 GC	×	✓	600	✓	×	✓	✓	4980 x 1865 x 2009	U.S. EPA TIER 2
C27	D800 GC	×	✓	800	✓	×	✓	✓	4175 x 1856 x 2217.5	U.S. EPA TIER 2
C32B	D1000 GC	×	✓	1000	✓	×	✓	✓	4175 x 1856 x 2217.5	U.S. EPA TIER 2
C32B	D1250 GC	×	✓	1250	✓	×	✓	✓	4175 x 2090.5 x 2268	U.S. EPA TIER 2

Designed for a variety of critical segments



Agriculture & Rural Operations

- Livestock farms (ventilation, feeding)
- Grain storage & cold storage
- Irrigation systems
- Agriculture processing facilities



Public Sector & Municipal Infrastructure

- Water & wastewater treatment plants
- Municipal buildings
- Public safety & civil services



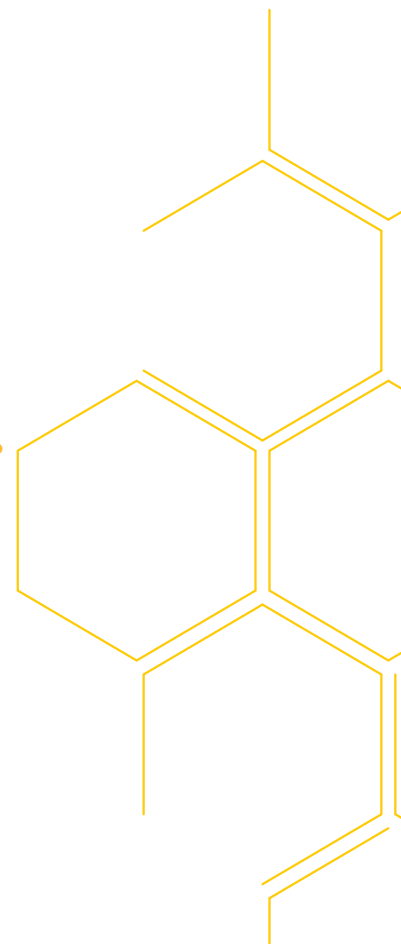
Commercial Properties

- Universities
- Office buildings
- Hotels



Real Estate

- Retail stores
- Warehouses
- Logistics centers



STANDARD AND OPTIONAL FEATURES

OVERVIEW	APPLICATION	Standby Prime (2000 hours / year for D250 GC to D600 GC)
	EMISSION REGULATION	U.S. EPA Tier 3 (D40 GC to D450 GC) U.S. EPA Tier 2 (D500 GC to D1250 GC) Available with SCAQMD Compliance (For D40 GC and D50 GC)
	CERTIFICATIONS	UL / ULC 2200 3 rd Edition
PERFORMANCE	GOVERNING	Conforms to ISO 8528-5 governing and load acceptance with ADEM™ A4 Controller
	ENCLOSURE NOISE	< 75 dBA @ 23 ft
	ENVIRONMENTAL	100 mph wind rating, IBC seismic certified
STANDARD FEATURES	CONTROLLER	CAT® GCCP 1.2 D350 AVR Optional NFPA110 bundle
	CUSTOMER CONNECTIONS	Multiple Shore Power Connections Optional GFCI Input/Output Expansion Modules Remote Annunciators Cat® Product Link™ PL444 Cellular (Standard) VisionLink™ Enabled Optional CAT® AMP Monitoring
	PROTECTION SYSTEM (Shut-off)	High Water Temperature Engine Overspeed Low Engine Oil Pressure
	ACCESS	3 Door Enclosure upto D200 GC 4 Door Enclosure for D250 GC and above
OPTIONS	VOLTAGES	208V, 240V (For Single Phase only), 480V, 600V
	BREAKERS	Single full rated standard and optional second breaker
	ALTERNATOR	PMG / Internally Excited IP23, Class H Insulation Space Heater
	ALTERNATOR TEMP RISE	105°C, 125°C (D800 GC to D1250 GC) & 130°C / 40°C
	MOUNTING / FUEL TANKS	Narrow/ Wide Skid Base U.S. EPA, NFPA, UL / ULC and CSA compliant Extended and Integral 24 hour fuel tank with overfill prevention and spill containment 1000 gal, 2000 gal and 3600 gal sub base dual wall fuel tank for D800 GC to D1250 GC
	AIR CLEANER	Cannister/Non-Cannister Disposal Type Optional Dual Element for D800 GC to D1250 GC
	MUFFLERS	Enclosure Muffler Optional 10, 25, 35 dBA Mufflers
	OTHER EQUIPMENTS	Current Transformers, Battery Charger, Oversize Battery Set, Jacket Water Heater, Battery Disconnect Switch Heavy Duty Starter (D800 GC to D1250 GC)
	ENCLOSURE	Sound Attenuated Level 2 Steel (White) with Emergency Stop Weather Protective for D800 GC to D1250 GC
PRODUCT SUPPORT	WARRANTY	2 years / 1000 hours for Standby 1 year / 2000 hours for Prime



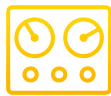
ENGINE

Powered by reliable, tried-and-tested Cat[®] diesel engines, these generator sets deliver consistent performance and exceptional fuel efficiency. They are engineered for extreme conditions and come equipped with engine oil and coolant that enable unassisted starts down to -10°C. This ensures dependable operation whenever your standby load demands it.



ALTERNATOR

Engineered for performance and long-term reliability, our alternator delivers superior motor-starting capability-eliminating the need for oversizing. Built with robust Class H insulation and IP23 protection, it is designed to withstand demanding operating conditions. An optional space heater provides added moisture protection, ensuring dependable performance and extended service life.



CONTROL PANEL

The Cat GCCP 1.2 control panel gives you an easy-to-read LCD screen with simple menu navigation, making generator operation quick and user-friendly.

It provides essential protections and real-time monitoring of key generator parameters, helping ensure safe and reliable performance.

With flexible inputs / outputs and support for remote monitoring, the Cat GCCP 1.2 adapts easily to different site needs while staying simple to operate.



FILTERS

Cat air cleaners deliver maximum durability, superior contamination control, and reliable sealing-helping reduce wear, protect critical engine components, and extend service life. Their robust design withstands pressure spikes and harsh operating environments, ensuring consistent, long-term performance.

Cat oil filters deliver superior engine protection with high-efficiency media that removes harmful contaminants for cleaner, longer-lasting performance resulting in greater reliability, fewer repairs, and lower operating costs, keeping your equipment running stronger for longer.





ENCLOSURE

This range comes with a steel enclosure, design to protect the engine in harsh weather conditions.

Designed for easy maintenance with wide-opening doors, conveniently located service points, and external drains-saving time and effort during routine servicing.

Built-in safety features such as lockable doors, guarded components, emergency stop buttons, and certified compliance help ensure safe, reliable operation.



TANK BASE

The fuel tank features UL listed dual-wall protection, NFPA -compliant safety, and heavy-gauge steel for long-lasting durability. It includes direct fuel-level reading, lockable fill points, leak-tested chambers, and built-in thermal expansion capacity.

Maintenance is easy with removable dip tubes, access ports, and emergency vents, plus options for spill containment, fuel-level indication, and seismic certification. Designed for tough sites, it offers secure anchoring and full compatibility with factory enclosures.



VIBRATION ISOLATORS

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



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.



EASE OF INSTALLATION

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



■ SERVICE & SUPPORT

Caterpillar® has a reliable support through its unmatched dealer network, offering expert service, quick parts availability, and on-site assistance to keep your equipment running. With flexible maintenance and support options, our products and solutions help reduce downtime and boost productivity—giving you confidence, uptime, and long-term value from every machine.

■ CAT® CUSTOMER VALUE AGREEMENTS

With customizable Customer Value Agreements (CVAs), service and support are bundled into one powerful package, delivering protection, performance, and peace of mind. Cat CVAs combined with Cat ESCs help customers minimize downtime, control costs, and eliminate the stress of surprise repairs.

■ CAT® EXTENDED SERVICE COVERAGE (ESC)

Cat Electric Power products have programs to help protect your investment and budget for unplanned / unscheduled repairs. Depending on the needs of your customers and the application, choose between Silver, Gold, Platinum and Platinum Plus levels of coverage. Service Coverage helps provide extra value throughout the life of the product.

■ CONDITION MONITORING

Condition Monitoring insights, visualized through VisionLink™, make equipment health easier to understand and act on. Customers can better plan maintenance, lower costs, improve availability, and prevent failures before they start.



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 keep the generator set you trust today the one you trust years from now.

To find your nearest Cat® Dealer,
please go to www.cat.com

LET'S DO THE WORK.™



Scan the above QR code to know more about Cat® GC products.

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