



POWER THROUGH ANYTHING.

Cat® Gas Standby Generator Sets

BUILT FOR IT.™



A photograph of a flooded city street, likely in a tropical or coastal area. The water is murky and reflects the surrounding buildings and palm trees. In the foreground, there are street lamps and a clock. In the background, there are several tall buildings, including one with a green facade. The sky is clear and blue.

POWER WHEN YOU NEED IT MOST.

From natural disasters to unexpected outages, Cat® gas standby generator sets are engineered to provide power when the grid no longer can. Whether you're responsible for powering an office, data center or city, we have the gas engines, generators and ancillary equipment to protect your operation. Our generator sets are constructed of genuine Cat parts, they're factory tested and they're backed by our global dealer network. And because you can't afford downtime or delays, every one is built for high demands, reliability and a rapid response.





**THE LATEST
IN STANDBY
POWER.**



ACCESSIBLE

Gas is one of the most accessible fuel sources. One reason being, the demand for it decreases during power outages as gas-fired electricity generation goes offline. Another is that many compressor stations, responsible for keeping the pressure in the pipelines, are powered by the natural gas in the pipelines themselves. And because gas is supplied by pipeline, storm damage can't impede fuel delivery trucks, so fuel is readily available and demands remain low.

RELIABLE

Pipelines are air and watertight, eliminating the risk of fuel contamination. And, unlike a distillate fuel, a gaseous fuel won't leach into standing water during flood conditions.

ECONOMICAL

The low cost of gas fuel can reduce your total operating expenses.

100 HOURS at 1.5 MW = \$34,000 SAVINGS

Comparison based on a G3516C (\$4.5/mmBtu) vs. 3512C ATAAC (\$3.87/gal).

INDUSTRY-LEADING

Many of our standby generator sets are capable of being ready to accept full load in 10 seconds and running continuously for the duration of the outage. And we've engineered our gas engines to operate successfully at light load or no load for extended periods of time. To ensure our engines run like we say they will, we test every one before they leave our factory doors.

QUALIFIED

All of our gas generator sets are U.S. EPA factory certified and are qualified to meet New Source Performance Standards (NSPS) NO_x emissions requirements without the addition of an aftertreatment system. And each is capable of meeting UL2200 and NFPA 110 Level 1 Type 10. Should your application or area demand stricter standards, our team can tailor a solution to meet those needs.

VERSATILE

Our gas generator sets are engineered for any standby application and can be easily equipped for peak shaving, significantly reducing your utility costs. And because maintenance intervals are longer, they're ideal for powering through extended outages without interruption.



EMERGENCY SYSTEMS

Equipment protecting people leaving a building

Generator Set:

- Must take on emergency load in 10 seconds
- Can be used in peak shaving in addition to standby with approval from the authority having jurisdiction (AHJ)



LEGALLY REQUIRED STANDBY

Equipment aiding rescue workers and mandatory building functions

Generator Set:

- Must be approved by the AHJ to rely solely on a gas pipeline
- Must take on full load in 60 seconds
- Can be used for peak shaving in addition to standby
- Can power critical life safety applications with AHJ approval

OPTIONAL STANDBY SYSTEMS

Business functions

Generator Set:

- Undefined time required to take on a full load
- Can be used for peak shaving in addition to standby

COMPLETE STANDBY SOLUTIONS.

We offer everything you need to maintain clean, uninterrupted standby power. Our ancillary equipment is designed to work together, with all generator set production, control and monitoring functions integrated into a single-source package.

UNINTERRUPTIBLE POWER SUPPLY (UPS)

Our flywheel or double conversion UPS can supply immediate and sufficient energy to ride through short-term power disturbances until standby units can take on the necessary load.

PARALLELING SWITCHGEAR

For simple or complex applications, our switchgear provides paralleling capability for multiple generator sets, with single or multiple points of utility connection. And whether you're on- or off-site, you can monitor and control your standby power system.

AUTOMATIC TRANSFER SWITCH (ATS)

Ranging from 30A to 5000A, our ATS is designed to seamlessly redirect power between your main and standby sources. We offer a broad range of transfer solutions and ATS products designed for standby applications.



CONTROLS – EMCP 4

Our EMCP 4 is a scalable control platform designed to ensure reliable generator set operation, providing extensive information about power output and engine operation. Further customize it to meet your needs through programming and expansion modules.

SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)

SCADA systems work with the data collected from our EMCP 4 controls to identify the status of selected generator set components and your latest maintenance needs. All our standby generator sets are SCADA capable.

PACKAGING SOLUTIONS

We've designed enclosures to withstand some of the most extreme environments and to provide solutions for your most complex design issues.

ON-GOING



DEALER SUPPORT.

We're committed to expanding your line of defense against power failures. Whether you're adding or updating standby units, we have a gas solution to match your application and meet your standards. ● Your local Cat dealer will help you select, finance, install and maintain your system. On average, our dealers are within a 20-mile radius of all our customers' operations, which means there's one near you for 24/7, on-call support and anytime maintenance checks.

EXTENDED SERVICE COVERAGE

Your Extended Service Coverage offers transferable coverage beyond the standard warranty period for all Cat branded gas power equipment. Extended Service Coverage protects against unexpected repair bills and a hedge against rising parts and labor costs by providing 100 percent parts and labor reimbursement for covered components, less any applicable deductible. The broad range of coverage options, which can be customized to suit your individual needs, combined with simple pricing terms, provides confidence and peace of mind toward your standby power system's performance.

CUSTOMER SUPPORT AGREEMENTS

Your Customer Support Agreement is an individualized arrangement between you and your Cat dealer that helps you maintain your products while lowering your cost per unit of production, regardless of the size or age of your product. Agreements are tailored to fit your business needs and can range from simple preventive maintenance kits to sophisticated total cost performance guarantees. No matter which option you choose, you can be assured that your Cat dealer will provide you with the careful planning and ongoing attention that will help you succeed.

PARTS AVAILABILITY

Your Cat dealer is equipped with a parts inventory and access to the global Cat parts network to fulfill 98 percent of parts orders within 24 hours from the time of order. We know that having the right parts on hand is critical to keeping your standby power system running, so we also provide 24/7 access to information at parts.cat.com. Here you will find videos, reference material and specs on Cat original, Classic™ and remanufactured parts, as well as information on repair and maintenance parts for your Cat gas power products, all manufactured to original equipment specifications.

FINANCING SERVICES

- Direct access to local Cat dealers
- Financing options customized to fit your needs
- Industry knowledge to accurately value equipment and structure loans or leases
- Full financial support

BUILT FOR IT.™

**For more information and to contact your local Cat dealer,
visit www.catgaspower.com**

LEBE0043-02 April 2016

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