

KOHLER LAUNCHES 150-, 180- AND 200-KW GAS-POWERED GENERATORS

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Kohler Co. is launching three new 60Hz and 50Hz gaseous-fuel generator sets providing emergency standby power for industrial, light commercial, and residential applications. The new 150-, 180- and 200-kW generators provide maximum performance in a compact package, a differentiating feature that is frequently requested by specifiers.

The KG150, KG180 and KG200 units are EPA-certified and powered by a newly designed 10.3 liter, V-8 KOHLER engine with the ability to run on natural gas, propane, and dual fuel. Designed to be a much smaller and lighter engine package, upgrades to the engine include a KOHLER-designed intake manifold, exhaust system and oil thermostat assembly; front end accessory drive with a decoupled fan allowing for different speeds of the fan and water pump; and a one-piece flywheel.

“This project supports the strategic objective to have the same KOHLER-branded engines in all KOHLER generators to support a single platform making it easier for the customer and KOHLER in terms of common parts and efficiency,” said Amy Haese, associate product manager for KOHLER industrial generators. “We also designed a much smaller engine than previous models, as well as shortened the enclosure and skid to reduce overall size and weight for installation flexibility.”

These generators provide users with the flexibility to select the appropriate gas fuel source for a specific application including natural gas (primary) and LP (secondary), and feature a dual fuel option with a patent-pending fuel reset box. This dual fuel system enables the generator to switch automatically from natural gas to LP, and when sensing that LP is low it reverts back to natural gas. There is also a switch on the reset box that allows users to switch from one fuel to the other manually without operation disruption. For ease of installation, a fuel inlet connection is provided on the skid wall along with an oil drain connection.

Each of the KG generators feature KOHLER Fast Response excitation systems that deliver excellent voltage response and short-circuit capability using rare-earth, permanent magnet-excited alternators.

All functions of both the engine and generator are managed through two digital controllers designed and built by KOHLER. Users have their choice of controllers including the APM402 and APM603. Both of these options offer precise voltage regulation, a digital display and menu control for easy access to local data, seamless remote communication through standard protocol including support for remote annunciation, and building management system integration.

The newer APM 603 provides enhanced performance and monitoring features such as (+/.25%) voltage regulation, dual fuel control, expanded inputs and outputs, a larger seven-inch display, and the ability to parallel as many as eight generator sets.

The generators are available as open or closed units and can be specified with KOHLER-designed sound-attenuated enclosures with rear louvers. The durable aluminum enclosures are also hurricane-rated and meet the most stringent and widely recognized Testing Application Standards (TAS) within the Florida Building Code for wind load and projectile impact. The enclosure's design features an optimized intake baffle for better airflow and acoustics, and package options such as enclosure heater, damper actuators and LED and AC/DC lights.

“Our new gas generators are fully-integrated units, where KOHLER provides one-source responsibility for the generating system and accessories – including fast, easy access to our genuine aftermarket parts and service,” said Haese.

The 150KG, 180KG and 200KG generators are now exclusively available through KOHLER's extensive network of dealers/distributors throughout the United States. A Distributor Locator can be found online here: <https://kohlerpower.com/en/generators/industrial/distributor-locator>.

A global force in power solutions since 1920, KOHLER manufactures complete power systems, including generators (portable, marine, residential, commercial, and industrial), automatic transfer switches, switchgear, monitoring controls, and accessories for emergency, prime power and energy-management applications all around the world. The company is committed to reliable, leading edge power-generation products as well as comprehensive after-sale support. For additional details, please visit www.KOHLERPower.com.

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