Every detail down to the last bolt. This isn’t your typical power system. It’s a KOHLER® industrial power system—which means it’s designed, tested and manufactured with KOHLER components—including generators, transfer switches, paralleling switchgear and controllers. But the best part? We customize every power system to your specs. So no matter how large or complex your job, everything works together seamlessly.

When you choose a KOHLER generator, you know it’s backed by a premium warranty, factory support and an extended network of knowledgeable, factory-trained service techs. And with distribution centers located all over the world, you’ll always get the parts you need fast.

So go ahead and explore our large diesel generators on the pages that follow. When you’re ready to customize a system that meets your specific needs, give us a call. With specialized knowledge and an agile manufacturing process, we’ll make it happen.
TOTAL SYSTEM INTEGRATION

1. KOHLER® GENERATOR
   800–4000 kW

2. KOHLER AUTOMATIC
   TRANSFER SWITCH
   Open, closed and programmed – transition operating modes; standard, bypass-isolation and service-entrance switch configurations

3. KOHLER REMOTE
   ANNUNCIATOR
   Remote monitoring and testing of transfer switches

4. KOHLER PARALLELING
   SWITCHGEAR
   Low and medium voltage

5. KOHLER APM802
   DIGITAL CONTROLLER
   Controls, monitors and aids system diagnostics

6. KOHLER WIRELESS
   MONITOR
   Performance monitoring around the clock

7. KOHLER MONITORING
   SOFTWARE
   Monitors generators and transfer switches
REVOLUTIONARY AND RELIABLE
With almost a century of engineering know-how behind it, our G-Drive engines are built with an eye on the future – designed to last for decades to come. We engineer, test and fit every single component. And our computer-aided quality-management system oversees every step of development, from the first stage of production through the engine’s entire lifecycle, to ensure the highest level of quality.

TESTED AND APPROVED
Created specifically for generator set applications, our G-Drive engines combine greater power with superior efficiency. Reaching up to 43.5 kW/liter, KOHLER® G-Drive engines pair a compact engine form factor with unrivaled kW displacement—delivering the highest power density on the market*. All KOHLER generators meet tough industry testing and quality standards (UL2200, CSA, NFPA).

SMOOTH-RUNNING
The KOHLER G-Drive engine runs smoothly, quietly and with low vibration—even under extreme operating conditions—extending service life and delivering cost-effective performance.

ULTIMATE PERFORMANCE
The KOHLER G-Drive diesel engine’s architecture, injection system and engine management have been designed to achieve optimal generator set performance.

FUEL-EFFICIENT
The common rail fuel system generates up to 2200-bar injection pressures for maximum efficiency, optimizing the combustion pressure curve through multiple injections. This produces industry-leading kW displacement in a package that enables a smaller generator set footprint while delivering the best fuel consumption at more nodes than any competitor above 800 kW.

COMMON SERVICE PART NUMBERS
A modular system allows us to scale the number of components depending on the power required. Using standard components means fewer parts must be stocked in the field, and operators require less training. This reduces costs and improves response time.

CONTROL AND MAINTENANCE
KD Series generators feature integrated controls for seamless communication and offer remote monitoring through a VPN connection. Easy-access bearing lube points, coolant level optical gauges on both circuits and oil replenishment systems help ensure the generator runs optimally and is easy to maintain.

*Higher power density at more nodes than any competitor between 800 – 2500 kW.
1. **EMISSION-CERTIFIED**
   Clean-running engines, featuring closed crankcase ventilation, meet EPA emissions standards.

2. **FUEL SYSTEMS**
   Common rail injection systems, designed specifically for the KOHLER® large diesel range with minimal low temperature fuel return.

3. **HIGH-AMBIENT 50° COOLING SYSTEMS**
   Designed to meet extreme operating conditions, segmented radiator core sections allow for single replacement instead of entire core.

4. **EFFICIENT PMG ALTERNATORS**
   Provide advanced short circuit capability and meet NEMA MG1, IEEE and ANSI standards; multiple alternator options available providing increased motor starting capabilities.

5. **KOHLER APM802 CONTROLLER**
   Large touchscreen controller with intuitive user interface for paralleling, load and generator management.

6. **LOW COMBUSTION AIR**
   Right sized turbo chargers requires less air to run, creating fewer emissions and enabling optimal performance inside an enclosure.

7. **FUEL PUMP**
   Efficiently generates high fuel lift and provides flexibility to configure remote fuel delivery systems.

8. **OPTIONS AND ACCESSORIES**
   Multiple circuit breakers, battery heaters, block heaters, battery charger, prelube pump and centrifugal oil filter.
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KOHLER \textcopyright{} G-DRIVE ENGINES

Massive power in a compact package.

KOHLER G-Drive diesel engines are manufactured with the highest-quality materials and systems. Engineered over a six-year period for use exclusively in generator set applications, these engines are built for the toughest environmental conditions. If it’s dependability you’re after, look no further. Our G-Drive engines have proven their power and reliability during nearly 75,000 hours of arduous tests — both in the laboratory and on-site. All of which makes them ideal for a variety of crucial applications such as data centers, hospitals, power plants and mining sites.
ENCLOSURES
Reduce the racket. And put Mother Nature in her place.

If you want to keep the weather out and the noise in, there’s really only one way to go. KOHLER® enclosures are bolstered by heavy-duty aluminum and acoustic insulation to protect your investment and keep the noise down. In addition, we coat every unit with Power Armor® (a textured industrial finish) for heavy-duty durability in harsh conditions. The new design includes a sloped roof to increase the life and safety of the generator.

STANDARD FEATURES

Fitted Enclosures
Sound enclosures feature durable aluminum construction, stainless steel external hardware and an LED emergency lighting system.

Quiet Performance
Our SL1 and SL2 enclosures offer acoustic insulation to meet your quiet applications.

Certified Packages
Enclosures are certified for UL2200, IBC and OSHPD up to 2500kW from the factory, meaning no on-site certifications needed. All enclosures meet 181-mph wind rating.

Advanced Corrosion Protection
Power Armor is a textured automotive-grade finish that surpasses a 3000-hour salt spray exposure test and resists fading and scratching.

1. SERVICE ACCESS
   Multiple personnel doors and removable panels offer easy access to generator control, fuel fill, fuel gauge, oil fill and battery.

2. INTERNAL EXHAUST SYSTEM
   Features insulated exhaust silencer for improved aesthetics, safety and noise reduction.

3. OIL AND RADIATOR DRAINS
   Provide an easier, quicker way to service your generator.

4. AIR INLETS
   Louvered air inlets limit water ingress and shorten overall length of enclosure.

5. SLOPED ROOF
   Reduces water pooling and increases enclosure life.

6. AVAILABLE ACCESSORIES
   Electrical packages, heaters, motorized louvers, AQMD options, stairs and more.

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KD1750
The APM802 provides advanced controls, system monitoring and system diagnostics along with remote access—all in a large touch display with intuitive local data access. All critical system information is available locally, as well as remotely, providing you a real-time view of generator performance.

**STANDARD FEATURES**

- 12" touch display for access to information at your fingertips
- Remote access for monitoring and control from anywhere including your mobile device
- Communication with serial (RS-485) and Ethernet (RJ-45) to support Modbus™
- Data logging and trending for easy troubleshooting
- Exporting of logged data, event log and screen shots onto USB
- Advanced input and output configuration to customize your needs
SUB-BASE FUEL TANKS
Made to match your environmental needs.

If it’s environmental protection you want, you’re in the right place. KOHLER® tanks feature two pressure-tested containment walls to keep your fuel where it should be—inside. Plus, they’re coated with Power Armor Plus—a textured epoxy-based, rubberized finish—for heavy-duty durability.

STANDARD FEATURES

Environmental Protection
Our tanks are UL-approved secondary containment tanks and can be configured to meet cUL, IBC, OSHPD and other required codes.

Multiple Sizes
Usable tank capacities provide up to 96 hours of operation. Efficient fuel pump generates high fuel lift, which allows for tremendous flexibility to configure remote fuel delivery systems.

Custom Options
Choose from alarm panels, spill-fill containments, high-fuel switches, tank markings and more.

Premium Protection
Our Power Armor Plus—polyurea-textured coating eliminates the need for exterior epoxy treatment and provides excellent abrasion resistance and corrosion protection.