

POWER SYSTEMS

Industrial Solutions Full Line



KOHLER[®]
IN POWER. SINCE 1920.



TABLE OF CONTENTS

Total System Integration	6
Diesel Generators	8
KD Series™ Generators	12
Gas Generators	16
Fast-Response® Alternators	20
Controls	22
Enclosures	26
Sub-Base Fuel Tanks	28
Mobile Generators	30
Automatic Transfer Switches	34
Paralleling Switchgear	38
Decision-Maker® Paralleling System	40
Power Solutions Center	42
KOHLER® Genuine Parts	44
Service and Support	46

We're 100 years young and
only getting better with age.
For the last century, we've
forged the future, redefining
what power means to people's
lives, careers, and lifestyles.

POWER IS WHAT WE DO. SINCE 1920

SO WHY KOHLER?

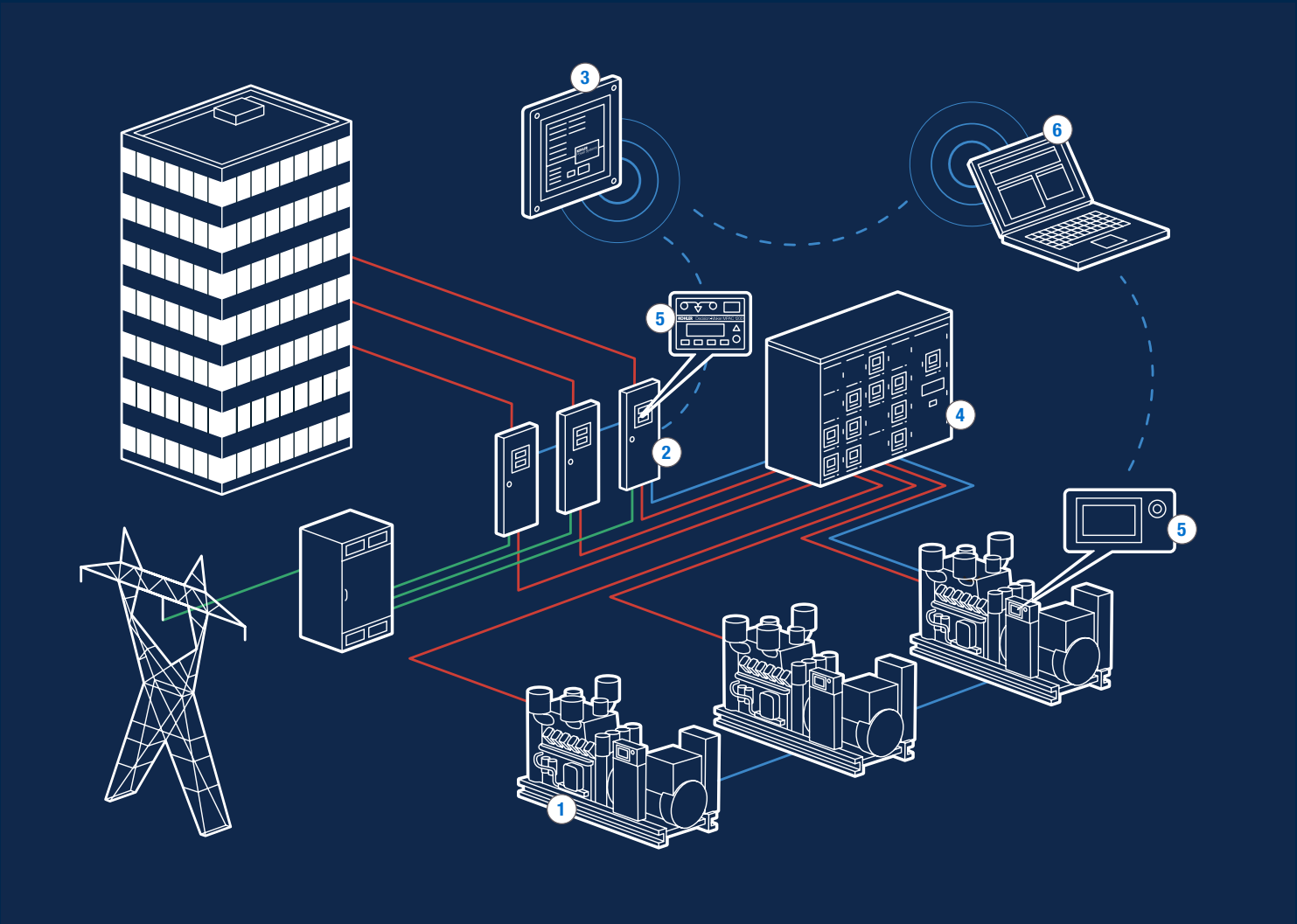
We're a company of fearless
thinkers driven to empower
people all over the world —
with reliable, revolutionary
engines, generators, and
power systems.

We exist for one reason:
TO MOVE YOU FORWARD.

TOTAL SYSTEM INTEGRATION

Everything works together. Just as it should.

A power system is only as good as the parts that define it.
That's why we engineer every detail down to the last bolt.
From generators and transfer switches to paralleling switchgear and controllers, everything works together seamlessly.
Because we designed, engineered, and tested it that way.
That's the KOHLER difference.



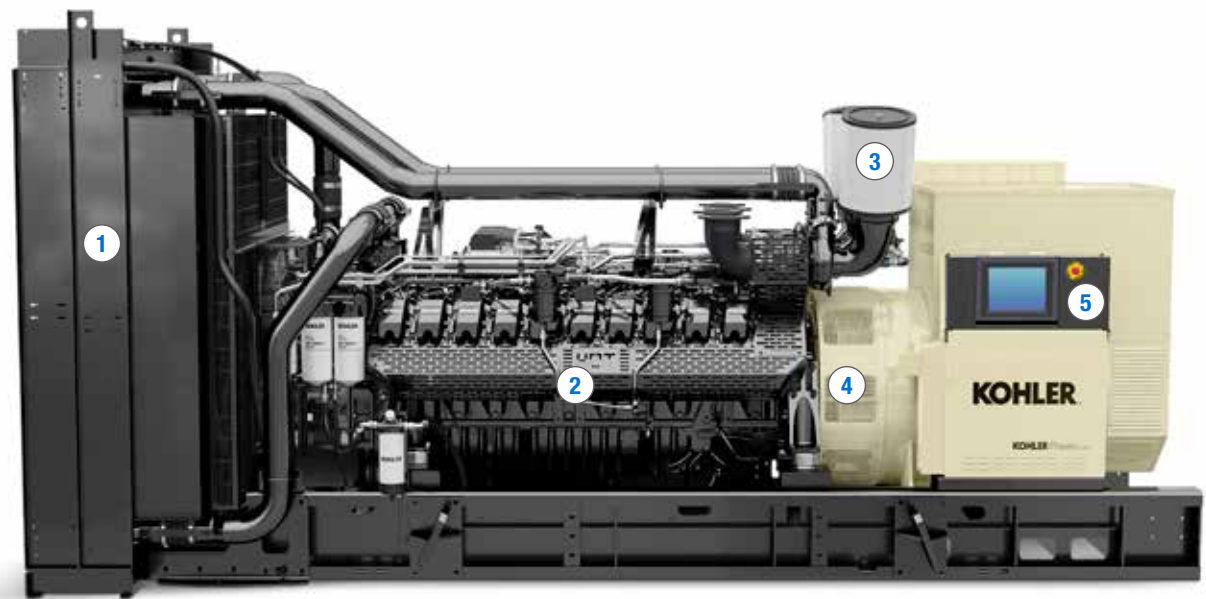
TOTAL SYSTEM INTEGRATION

- 1 KOHLER® GENERATOR**
Gas generators 25–500 kW
Diesel generators 15–4000 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 DECISION-MAKER® CONTROLLER**
Controls, monitors, and aids system diagnostics
- 6 KOHLER MONITORING SOFTWARE**
Monitors generators and transfer switches from a PC

DIESEL GENERATORS

Built for the most critical jobs on earth.

15–4000 kW



KD1750

Think about the most important places in the world: hospitals, airports, data centers, water treatment plants, etc. Those are the places we protect. The ones that absolutely have to have power—no matter what.

And with diesel generators ranging from 15 to 4000 kW, there's no job too small, no building too big. KOHLER® diesel generators are available EPA-certified. And you can customize them any way you like with a variety of accessories.

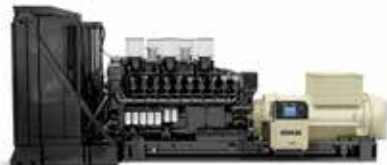
- 1 **HIGH-AMBIENT COOLING**
Designed to meet extreme operating conditions
- 2 **EMISSION-CERTIFIED**
EPA-certified, industrial-grade engines meet the latest emissions requirements
- 3 **OPTIONS AND ACCESSORIES**
Improved motor-starting alternators, heavy-duty air cleaners, enclosures, fuel tanks, block heaters, multiple circuit breakers, and more
- 4 **KOHLER PMG ALTERNATORS**
Provide advanced short-circuit capability and meet NEMA MG 1, IEEE, and ANSI standards
- 5 **KOHLER DECISION-MAKER® CONTROLS**
Available with a variety of controls—basic, advanced, and paralleling



30REOZK



500REOZJC



KD4000

STANDARD FEATURES

Tested and Approved
KOHLER® generators meet tough industry testing and quality standards (UL, CSA, IBC, NFPA).

Rapid Response
Our generators power up in 10 seconds or less and deliver quality power during voltage and frequency changes.

Easy Installation
Our quickest installation ever—large stub-up areas; easy access to fuel, load, and exhaust locations.

DIESEL GENERATORS

KD SERIES™ GENERATORS

Welcome to an entirely new generator experience. The next leap forward in industrial power. With almost a century of engineering know-how behind them, our new class of KD Series generators are built with an eye on the future—designed to last for decades, with better fuel economy and a smaller footprint than ever before.

Revolutionary, Reliable Engines

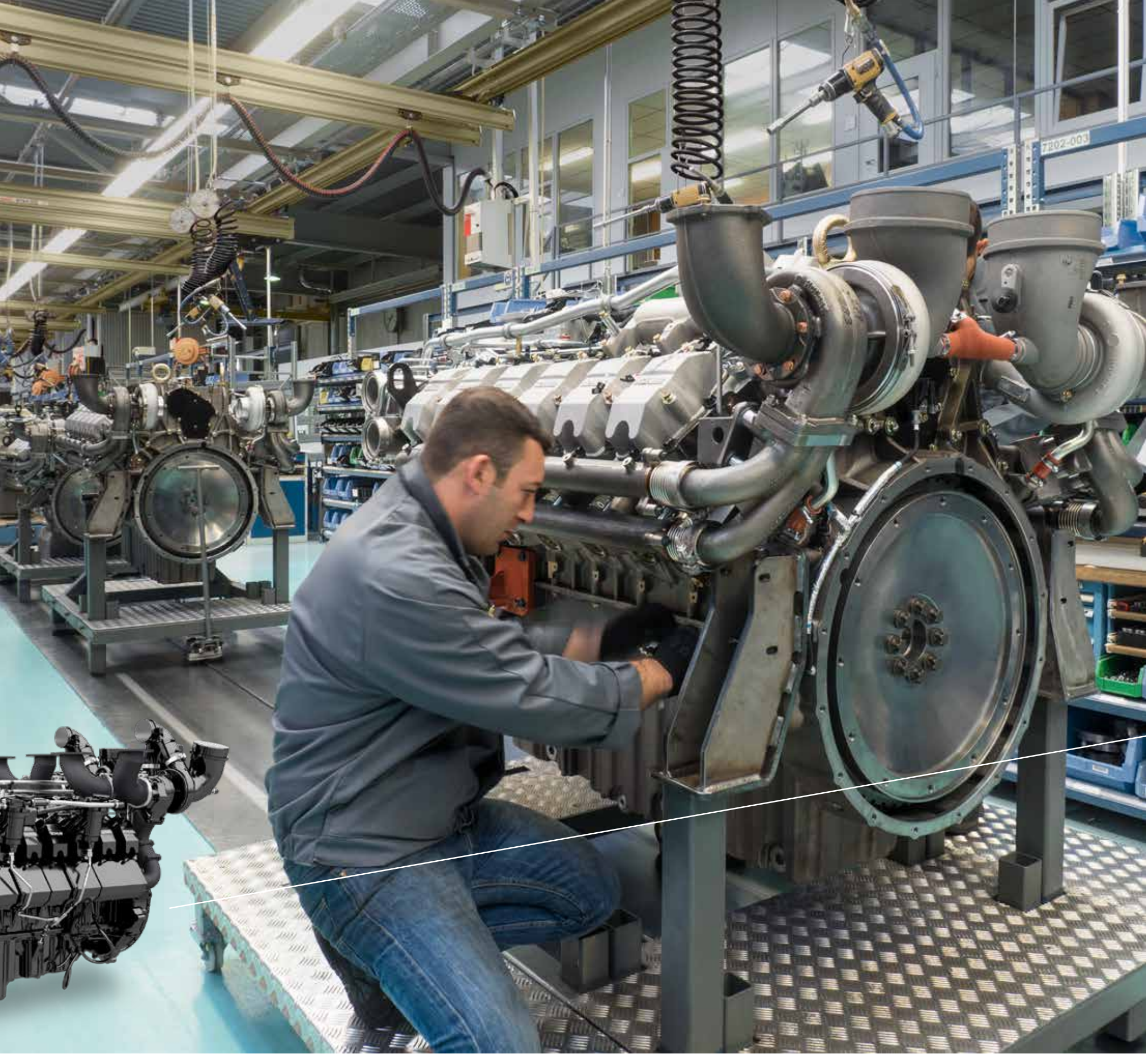
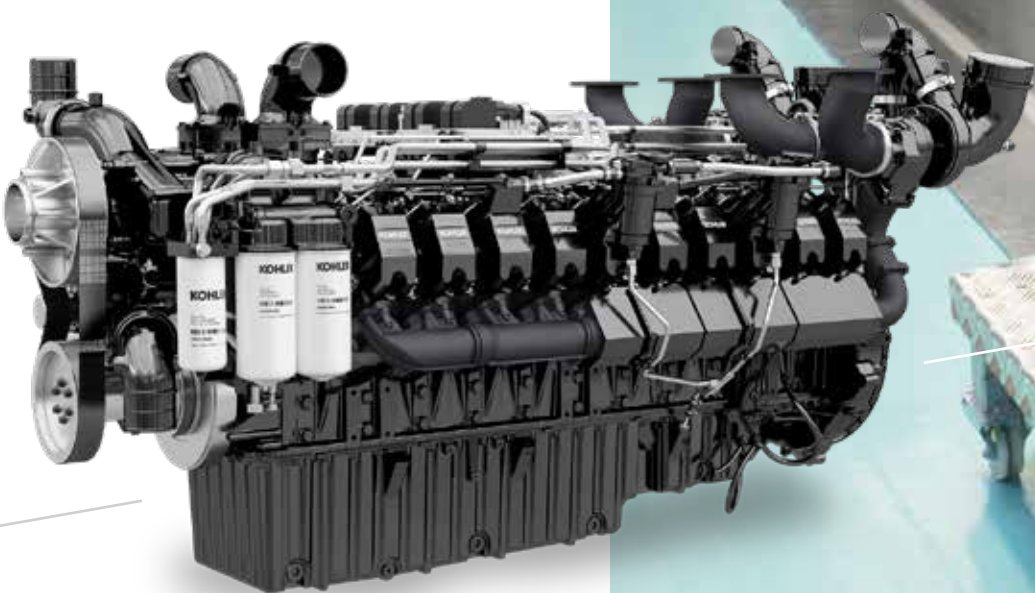
We engineer, test, and fit every single component. And our computer-aided quality-management system oversees every step of development, from the first stage of production through the engine's entire lifecycle, to ensure the highest level of quality.

Fuel-Efficient

Our G-Drive engine 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 power output in a package that enables a smaller generator set footprint while delivering best-in-class* fuel consumption.

Common Service Part Numbers

KOHLER® G-Drive engines feature a modular system that allows us to scale the number of components depending on the power required. Using standard components means fewer parts to be stocked in the field and less time training operators—all of which reduce cost and improve response time.



KD SERIES™ GENERATORS

EPA-CERTIFIED TIER 4 FINAL

THE SIMPLEST TIER 4 GENERATOR ON THE MARKET.

No DPF. No DOC. With only an SCR, we’ve removed all those complicated aftertreatment specs. Not only that, since these generators are built for prime power and peak shaving, your clients can save big on utility bills.

THE NECESSITY OF TIER 4

Nonemergency

Since 2014, all stationary nonemergency generators operating in the U.S. must be powered by an EPA-Certified Tier 4 Final engine. Common stationary nonemergency generator applications include:

- Primary Source of Power to Facility
- Peak Shaving
- Curtailment/Interruptible Rate Programs
- Supplying Power to Electrical Grid

KD Series Tier 4 Final

- Simple Selective Catalytic Reduction (SCR) only solution; no Diesel Particulate Filter (DPF) or Diesel Oxidation Catalyst (DOC) required
- Open or enclosed units—only Kohler offers factory-direct Tier 4 packaged units above 1000 kW
- KD3250-4 is largest Tier 4 unit in the market

MODEL	ESP Rating (kWe)	PRP Rating (kWe)	COP Rating (kWe)	Engine	Open / Enclosed
KD1250-4	1250	1120	934	K135 16V	Open / Enclosed
KD2500-4	2500	2270	1892	K175 12V	Open / Enclosed
KD3250-4	3250	2950	2460	K175 16V	Open



DIESEL GENERATORS

MODEL	STANDBY 60 Hz* (kW/kVA)	PRIME 60 Hz (kW/kVA)	RPM	Engine Manufacturer	EPA Emissions	Controllers
15REOZK	17/21.3	15/18.8	1800	Kohler	EPA-certified	APM402
20REOZK	24/30	21/26.3	1800	Kohler	EPA-certified	APM402
30REOZK	31/39	28/25	1800	Kohler	EPA-certified	APM402
30REOZK4	30/37.5	28/35	1800	Kohler	Tier 4	DEC3500
40REOZK	42/52	37/46	1800	Kohler	Tier 3	APM402
40REOZK4	40/50	36/45	1800	Kohler	Tier 4	DEC3500
48REOZK4	48/60	43/53	1800	Kohler	Tier 4	DEC3500
50REOZK	52/65	47/58	1800	Kohler	Tier 3	APM402
60REOZK	60/75	54/67	1800	Kohler	Tier 3	APM402
80REOZJF	83/104	76/95	1800	John Deere	Tier 3	APM402/APM603
80REOZJ4	85/106	76/95	1800	John Deere	Tier 4	DEC3500
100REOZJF	102/128	92/115	1800	John Deere	Tier 3	APM402/APM603/DEC6000
100REOZJ4	105/131	96/120	1800	John Deere	Tier 4	DEC3500
125REOZJG	128/160	116/145	1800	John Deere	Tier 3	APM402/APM603/DEC6000
125REOZJ4	130/163	117/146	1800	John Deere	Tier 4	DEC3500
150REOZJF	154/193	140/175	1800	John Deere	Tier 3	APM402/APM603/DEC6000
150REOZJ4	154/193	139/174	1800	John Deere	Tier 4	DEC3500
180REOZJG	180/225	165/206	1800	John Deere	Tier 3	APM402/APM603/DEC6000
200REOZJF	200/250	180/225	1800	John Deere	Tier 3	APM402/APM603/DEC6000
230REOZJE	230/288	205/256	1800	John Deere	Tier 3	APM402/APM603/DEC6000
250REOZJE	255/319	230/288	1800	John Deere	Tier 3	APM402/APM603/DEC6000
275REOZJE	280/350	255/319	1800	John Deere	Tier 3	APM402/APM603/DEC6000
300REOZJ	300/375		1800	John Deere	Tier 3	APM402/APM603/DEC6000
350REOZJC	360/450		1800	John Deere	Tier 3	APM402/APM603/DEC6000
350REOZJD	350/438	320/400	1800	John Deere	Tier 3	APM402/APM603/DEC6000
400REOZJC	410/513		1800	John Deere	Tier 3	APM402/APM603/DEC6000
400REOZJG	400/500	365/456	1800	John Deere	Tier 3	APM402/APM603/DEC6000
500REOZJC	500/638		1800	John Deere	Tier 2	APM402/APM603/DEC6000
500REOZVC	515/644	460/575	1800	Volvo	Tier 2	APM402/APM603/DEC6000
550REOZVB	550/688	500/625	1800	Volvo	Tier 2	APM402/APM603/DEC6000
600REOZVB	600/750	555/694	1800	Volvo	Tier 2	APM402/APM603/DEC6000
750REOZMD	760/950	690/863	1800	Mitsubishi	Tier 2	DEC550/DEC6000
KD800	800/1000	720/900	1800	Kohler	Tier 2	APM603/APM802
KD900	900/1125	810/1012	1800	Kohler	Tier 2	APM603/APM802
KD1000	1000/1250	900/1125	1800	Kohler	Tier 2	APM603/APM802
KD1250	1250/1562	1120/1400	1800	Kohler	Tier 2	APM603/APM802
KD1250-4	1250/1562	1130/1412	1800	Kohler	Tier 4	APM603/APM802
KD1350	1350/1687	1210/1512	1800	Kohler	Tier 2	APM603/APM802
1250ROZMC	1280/1600	1160/1450	1800	Mitsubishi		DEC550/DEC6000
1250REOZMD	1280/1600	1160/1450	1800	Mitsubishi	Tier 2	DEC550/DEC6000
KD1500	1500/1875	1350/1687	1800	Kohler	Tier 2	APM603/APM802
KD1600	1600/2000	1440/1800	1800	Kohler	Tier 2	APM603/APM802
1600ROZMC	1600/2000	1450/1813	1800	Mitsubishi		DEC550/DEC6000

*Stationary emergency ratings based on 3-phase, 480 V
50-Hz nonemissions models are also available. Please contact the factory
Single-phase ratings also available
For additional technical specifications, visit KOHLERPOWER.com



Go behind the scenes at **Aurora Memorial Medical Center**, one of America’s Top 100 hospitals, and see why it chose KOHLER® for its industrial power needs.

 KohlerPower.com/Aurora

MODEL	STANDBY 60 Hz (kW/kVA)	PRIME 60 Hz (kW/kVA)	RPM	Engine Manufacturer	EPA Emissions	Controllers
1600REOZMD	1600/2000	1450/1813	1800	Mitsubishi	Tier 2	DEC550/DEC6000
KD1750	1750/2187	1580/1975	1800	Kohler	Tier 2	APM603/APM802
1750REOZMD	1780/2225	1620/2025	1800	Mitsubishi	Tier 2	DEC550/DEC6000
KD2000	2000/2500	1820/2275	1800	Kohler	Tier 2	APM603/APM802
2000REOZMD	2000/2500	1820/2275	1800	Mitsubishi	Tier 2	DEC550/DEC6000
KD2250	2250/2812	2050/2563	1800	Kohler	Tier 2	APM603/APM802
KD2500	2500/3125	2270/2837	1800	Kohler	Tier 2	APM603/APM802
KD2500-4	2500/3125	2270/2837	1800	Kohler	Tier 4	APM603/APM802
KD2800	2800/3500	2540/3175	1800	Kohler	Tier 2	APM603/APM802
KD3000	3000/3750	2720/3400	1800	Kohler	Tier 2	APM603/APM802
KD3250	3250/4063	2950/3688	1800	Kohler	Tier 2	APM603/APM802
KD3250-4	3250/4062	2950/3688	1800	Kohler	Tier 4	APM603/APM802
KD4000	4000/5000	3640/4550	1800	Kohler	Tier 2	APM603/APM802

GAS GENERATORS

Custom-made to meet your needs.

25–500 kW



KG60



KG125



KG200

Good news: you can forget all that one-size-fits-all nonsense. KOHLER® gas generators are tailored and targeted to your specific job requirements. Unlike most generator models, every KOHLER generator is designed to work precisely for standby, prime, or continuous applications, so you know you’re getting the right power and the right power rating—and enjoying huge cost savings along the way.

But we didn’t just stop there. We’ve also simplified the installation process—every model* is available EPA-certified to meet operational requirements on pipeline natural gas. There’s no need to certify or recertify.

STANDARD FEATURES

Tested and Approved

KOHLER generators meet tough industry testing and quality standards (UL, CSA, IBC, NFPA).

One-Step Full-Load Acceptance

Our gas generators accept full load to keep you up and running.

Ultimate Performance

Our 1800-rpm engines run quietly and efficiently to extend generator life and provide significant fuel savings.

Factory-Certified Generators

Every size KOHLER gas generator is available EPA-certified*, ECM-controlled, and designed to meet the latest spark-ignited emission requirements.

Versatile Power

KOHLER gas generators are made for more than just emergencies. You can also use them for standby, prime, and continuous applications.



30CCL

- 1 **SOUND ENCLOSURE***
Durable aluminum sound-attenuating enclosure with optional windload

2 **ALTERNATOR**
Our wound field excitation system with its unique PowerBoost™ design delivers great voltage response and short-circuit capability
Brushless, rotating-field alternator has broad-range reconnectability
- 3 **APM402 CONTROLLER**
Provides advanced control, system monitoring, and system diagnostics for optimum performance and compatibility

4 **FUEL SYSTEM**
Simple field conversion between natural gas and LPG fuels while maintaining emission certification
- 5 **ENGINE FEATURES**
Powerful and reliable 2.2 L turbocharged liquid-cooled engine and electronic engine management system

6 **INNOVATIVE COOLING SYSTEM**
Electronically controlled fan speeds minimize generator sound signature

Our new line of standby generators is specifically designed for industrial light commercial applications including small retail, commercial and municipal buildings, universities, and apartment complexes.

Runs Quietly and Efficiently

Sound-attenuated enclosure and new KOHLER 2.2 L turbocharged engine keeps noise to a minimum.

Industry-Certified

Designed to meet NFPA 110 Level 1 requirements when equipped with required accessories and installed per NFPA 110 standards.

Rust-Resistant

KOHLER Power Armor™ provides corrosion resistance in harsh conditions.

5-Year Warranty

Comes with a standard 5-year/2,000-hour warranty with optional extended warranty.

*Except the 1300REZCK model, which is available EPA-compliant

GAS GENERATORS

MODEL	NG Standby (kW/kVA)	LP Standby (kW/kVA)	NG Prime (kW/kVA)	RPM	Emissions	Controller
25CCL	25/31	25/31		1800	EPA-Certified	APM402
30CCL	30/38	30/38		1800	EPA-Certified	APM402
36CCL	36/45	36/45		1800	EPA-Certified	APM402
KG40	40/50	40/50		1800	EPA-Certified	APM402
KG45	45/56	45/56		1800	EPA-Certified	APM402
KG50	53/66	53/66		1800	EPA-Certified	APM402
KG60	60/75	60/75		1800	EPA-Certified	APM402
KG80	80/100	80/100		1800	EPA-Certified	APM402/APM603
KG100	100/125	100/125		1800	EPA-Certified	APM402/APM603
KG125	125/156	105/131		1800	EPA-Certified	APM402/APM603
KG150	150/188	150/188		1800	EPA-Certified	APM402/APM603
KG180	180/225	150/188		1800	EPA-Certified	APM402/APM603
KG200	180/225	150/188		1800	EPA-Certified	APM402/APM603
250REZXB	260/325	170/213	230/288	1800	EPA-Certified	APM402/APM603/DEC6000
250RZXB	260/325	170/213	230/288	1800		APM402/APM603/DEC6000
300REZXC	300/375			1800	EPA-Certified	APM402/APM603
300REZXD	300/375	210/262	270/338	1800	EPA-Certified	APM402/APM603
300RZXB	300/375	210/263	270/338	1800		APM402/APM603/DEC6000
300RZXD	300/375	210/262		1800		APM402/APM603
350RZXB	350/438	240/300	300/375	1800		APM402/APM603/DEC6000
350REZXD	350/438	240/300	300/375	1800	EPA-Certified	APM402/APM603
350RZXD	350/438	240/300		1800		APM402/APM603
400RZXB	400/500	295/369	360/450	1800		APM402/APM603/DEC6000
400REZXD	400/500	295/369	360/450	1800	EPA-Certified	APM402/APM603
400RZXD	400/500	295/369		1800		APM402/APM603
450REZXD	450/562	295/369		1800	EPA-Certified	APM402/APM603
500REZXD	500/625	295/369		1800	EPA-Certified	APM402/APM603



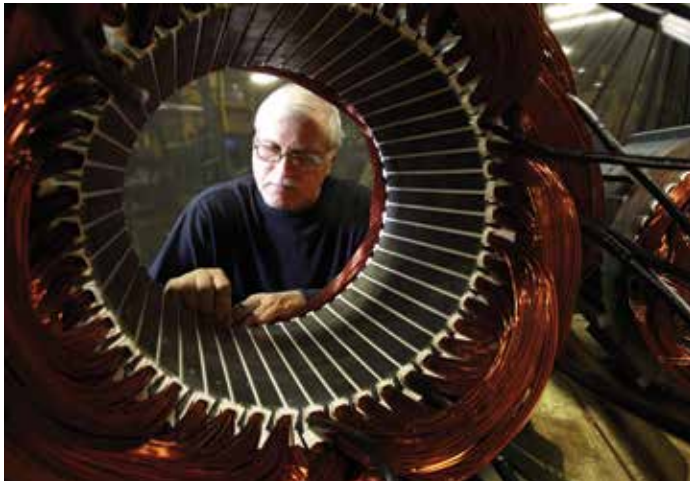
CSE PRODUCT OF THE YEAR
KOHLER® KG80, KG100, and KG125 gaseous generators were named 2020 Product of the Year Silver Winners by *Consulting-Specifying Engineer* magazine.

FAST-RESPONSE® ALTERNATORS

All the bells and whistles. No extra charge.

More than 90 years ago, Kohler unleashed its first alternator—and we’ve been raising the bar ever since. Today we’re proud to manufacture KOHLER Fast-Response Permanent Magnet Generator (PMG) alternators—a breakthrough in speed technology. Built to perform, these revolutionary alternators offer fast response to load changes.

On some other gensets, PMG alternators come as a costly upgrade. Not so with Kohler. All of our 25- to 300-kW units are factory-equipped with our Fast-Response PMG alternators. Which means you get all the bells and whistles with no expensive upcharge.



STANDARD FEATURES

Trusted Reliability

Greaseless bearing and Class H insulation provide extra thermal protection for lasting reliability.

Ultimate Performance

High-power density design makes Kohler an industry leader in motor-starting capability.

Tested and Approved

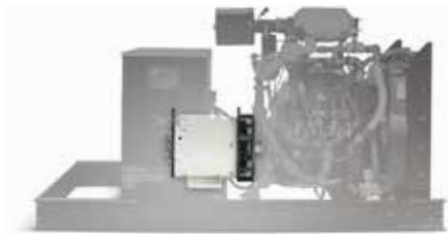
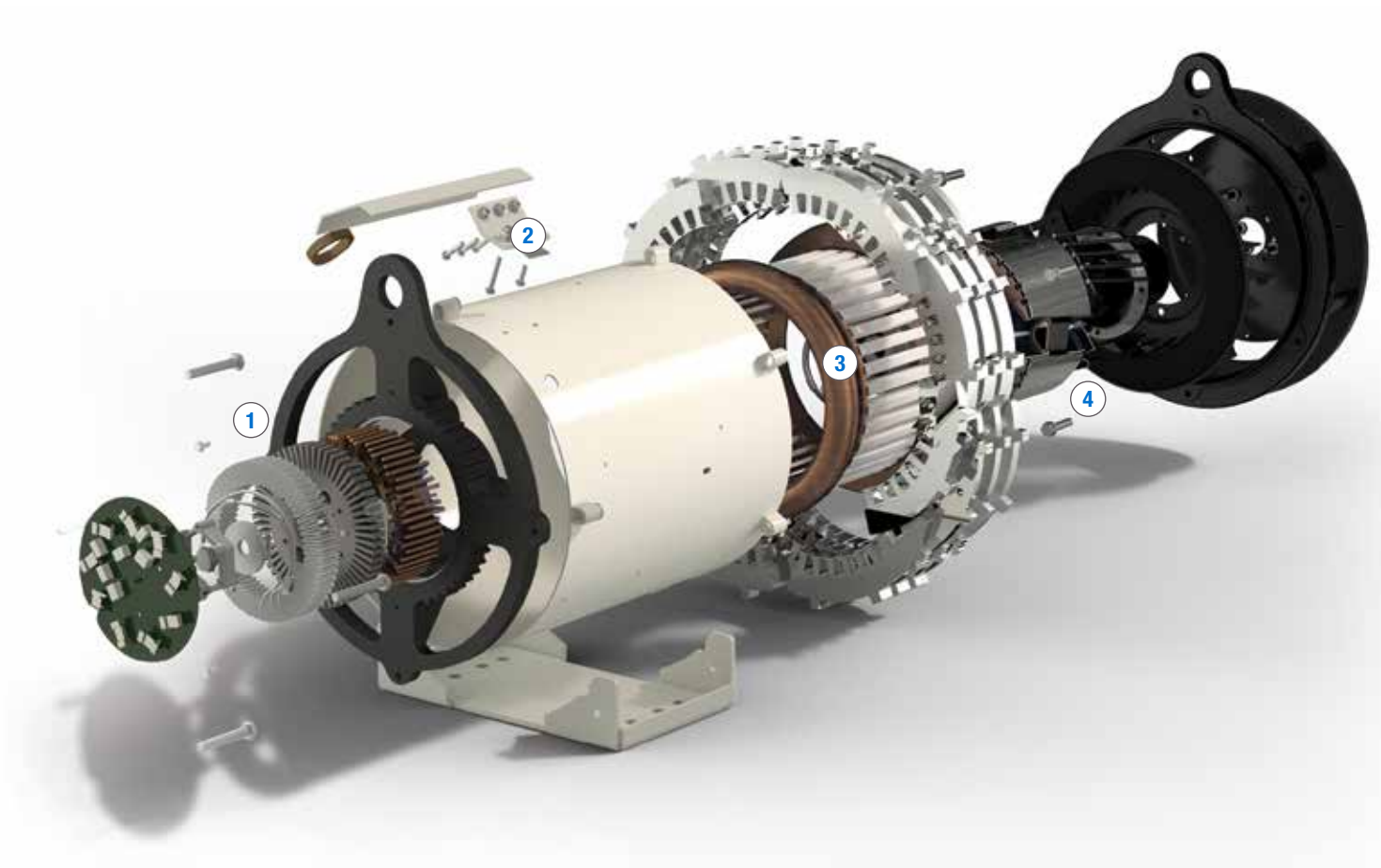
Our alternators meet NEMA MG 1, IEEE, and ANSI standards for temperature rise and motor-starting capability.

Clean Power

Experience the rewards of clean power with precise voltage, current, and frequency control.

Durable Short-Circuit Ratings

The very definition of performance, our alternators sustain short-circuit currents up to 300% of the rated current—for up to 10 seconds.



- 1** **PMG BRUSHLESS ALTERNATOR**
Features brushless permanent magnet exciter for fast load response
- 2** **RECONNECTABLE LEADS**
Designed with 4-lead dedicated voltages and 12-lead optional voltage connections
- 3** **VACUUM-IMPREGNATED WINDINGS**
Fungus-resistant epoxy varnish ensures reliability in tough environments
- 4** **ROTOR**
Two-thirds-pitch stator and skewed rotor deliver clean power and superior voltage waveform

CONTROLS

Technology so advanced, it's easy.

At Kohler, we don't do one size fits all. With our controls, we design custom packages, tailored to your needs, from basic controls to multiple generator paralleling.

Plus, Kohler makes each controller easy to operate with user-friendly displays and keypad functions. And if that weren't enough, our complete line of controllers features advanced network communications for remote monitoring as well as adjustable parameters to accommodate your specific application.

STANDARD FEATURES

- Tested and Approved**
Our controls meet NFPA, UL, and CE standards.

Integral Voltage Regulator
KOHLER controls deliver precise voltage regulation (.25%-.50%) to protect your sensitive equipment from poor power quality.
- Seamless System Integration**
Every controller works with our automatic transfer switches and switchgear for complete system integration.

Alternator Protection
This must-have technology protects the alternator from thermal overload.



Remote Annunciator



AMP603

REMOTE COMMUNICATIONS

- Monitor Software**
Monitors and controls generator sets and transfer switches from your personal computer.

Remote Annunciator
Offers an economical solution for remote annunciation of faults and status conditions for NFPA-110 compliance.

- 1 7.5" Color TFT Touch Screen
- 2 High Visibility Alarm LEDs
- 3 Master Control Buttons
- 4 Alarm Silence/Lamp Test Button
- 5 USB and SiteTech Connections

DECISION-MAKER® CONTROLS



APM402



550



6000



APM603



APM802



DEC3500

COMMON FEATURES

Inputs and Outputs

All models include digital and analog input and output with option for additional inputs/outputs

Engine Status and Condition Indicators

- Oil pressure/temperature
- Coolant temperature
- Engine speed
- Number of starts
- Battery voltage

Alternator Status and Condition

- Voltage, L-L, and L-N for all phases
- Current/frequency for all phases
- Total kW/kVA and KVAR
- kWh
- Power factor*
- Per phase kW/kVA and KVAR*

Engine Protection–Shutdown/Indication

- High engine coolant temperature
- Low coolant level
- Low oil pressure
- Overcrank
- High/low fuel level/pressure
- Overspeed
- Load-shed output* ‡

Alternator Protection–Shutdown/Indication

- Over- and under-voltage/frequency
- Overcurrent
- Overpower
- Locked rotor†‡
- Reverse power/VAR*

Decision-Maker Model	APM402	APM603	550	6000	APM802	DEC3500
Integral voltage regulator	x	x	x	x		x
Engine diagnostics	x	x	x	x	x	x
Engine starting aid	x	x	x	x		x
Event and data logging	x	x	x	x	x	x
Programming access via laptop	x	x	x	x	x	x
Key switch		x	x	x		
USER INTERFACE						
Alphanumeric digital display	x		x	x		
Monochromatic graphical display						x
Color graphical display		x			x	
Emergency stop (remote)	x	x	x	x	x	x
Exercise function			x	x		x
COMMUNICATIONS						
Local and remote area network capability	x	x	x	x	x	x
Monitoring software	o	x	o	o	x	
PARALLELING						
Remote input for external paralleling controller		x	x		x	x
Dead-bus paralleling		x		x		
Dead-field paralleling		x				x
Synchronizer		x		x		x
Real and reactive load sharing		x		x		x
First-on logic		x		x		x
Circuit breaker control		x		x		x
Base load control		x		x		x
Var/power factor control		x		x		x
Load management		x		o		x
Generator management		x		o		x

KEY: STANDARD = x / OPTION = o

*Except Decision-Maker 3000.
†Except Decision-Maker 8000
‡Except APM802

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 industrial steel or 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. UL 2200-listed and IBC-certified packages are available.

STANDARD FEATURES

Custom Options

Multiple weather/sound enclosure options are available on 15- to 4000-kW generators.

Quiet Performance

Our enclosures offer acoustic insulation to meet your quiet applications.

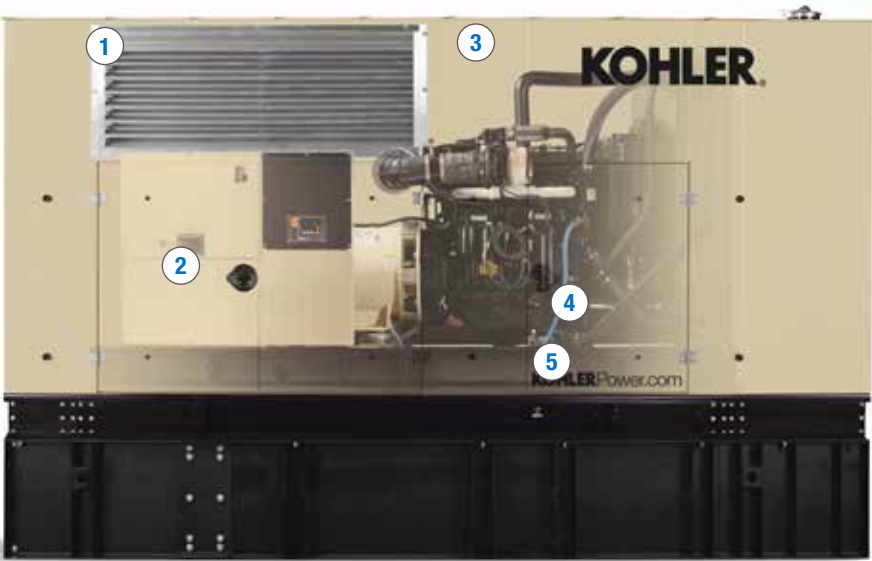
Certified Packages

Enclosures are UL 2200-listed, IBC-certified and meet up to 181-mph wind rating.

Advanced Corrosion Protection

Power Armor is a textured automotive-grade finish that surpasses a 3500-hour salt spray exposure test.

- 1 AVAILABLE ACCESSORIES
Electrical packages, lighting, heaters, motorized louvers, stairs, and more
- 2 ADVANCED DOOR SYSTEM
Hinged doors, door handles, and door holders provide security, protection, and easy access for service
- 3 INTERNAL EXHAUST SYSTEM
Features insulated exhaust silencer for improved aesthetics, safety, and noise reduction
- 4 SERVICE ACCESS
Multiple personnel doors and removable panels offer easy access to generator control, fuel fill, fuel gauge, oil fill, and battery
- 5 OIL AND RADIATOR DRAINS
Provide an easier, quicker way to service your generator



400REOZJ



KG80



KD1750

Sound Levels			
KW	Engine Manufacturer	Weather Enclosure dBA	Sound Enclosure dBA
15-60 kW	Kohler	77-80	64-65
25-36 kW	Kohler	-	67-68
40-200 kW	Kohler	79-84	64-71
180-500 kW	Doosan	84-90	70-72
80-300 kW	John Deere	80-94	68-75
350-500 kW	John Deere	90-94	73-75
500-600 kW	Volvo	94-95	75
700-1000 kW	Kohler	93-98	75
1250-4000 kW	Kohler/Mitsubishi	85-101	75-85

Sound level full-load dBA @ 23 feet

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 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-listed secondary containment tanks and can be configured to meet cUL, IBC and other required codes.

Multiple Runtimes
Usable tank capacities provide up to 96 hours of operation.

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

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

- 1 STATE TANK OPTIONS
Spill-fill containments, three-alarm panel, fuel basin switch, and tank markings
- 2 EMERGENCY PRESSURE-RELIEF VENTS
Ensure proper venting of inner and outer tank during extreme conditions
- 3 NORMAL VENT WITH CAP
Raised above the lockable fuel fill cap
- 4 FUEL SWITCH
Interfaces with controller to provide fuel level indication
- 5 LEAK DETECTION SWITCH
Annunciates a contained primary tank fuel leak at generator control
- 6 ELECTRICAL STUB-UP
Features large stub-up area for easy installation



Sub-Base Fuel Tank

MOBILE GENERATORS

Take your power to go.

35–175 kW

Quiet, reliable KOHLER® mobile generators give you dependable power anywhere, from remote construction sites to public events and storm recovery. Tough to the core, they're built to withstand the elements and run for long hours in prime and standby applications. Upgrade your rental fleet with hard-working mobile units. They're loaded with features for power that work wherever you go.



125REZGT

- 1 **DECISION-MAKER® 3500 CONTROLLER**
User-friendly LCD display and advanced network communications
- 2 **RUGGED TRAILER**
Tough commercial trailer with electric braking system
- 3 **ONBOARD FUEL TANK**
24-hour runtime tanks are standard on diesel models, optional on gaseous models
- 4 **TWO-WAY FUEL VALVE**
Easily switches among onboard LP, external LP, or natural gas fuel (gaseous model); switches between onboard and external fuel tank draw (optional on diesel models)*
- 5 **LIFTING EYE**
Convenient single-point lifting eye
- 6 **REMOVABLE HOUSING**
Patented housing is easy to remove—just unscrew bolts from the base*



MOBILE GENERATORS

STANDARD FEATURES

DIESEL MOBILE GENERATORS

Easy on the Environment

EPA-emission-certified for nonroad use with 110% containment of fuel, oil and coolant. Tier 4 Final engines with lower operating costs* give you heavy-duty power for any demanding application.

Engines For The Future

KOHLER® KDI diesel engines have no DPF (diesel particulate filter) for a smaller overall footprint without DPF maintenance. Cooled exhaust gas recirculation (EGR) helps achieve the industry's toughest emissions standards. Ultraefficient performance provides savings. John Deere engines have Integrated Emissions Control systems—cooled EGR, exhaust filter, and SCR—that result in high power density, high torque, and lower fuel consumption.

GENERATOR PARALLELING BOX

The KOHLER mobile paralleling box provides the flexibility to parallel any Tier 4 Final mobile generators to meet job requirements—without the need for expensive motorized breakers. And thanks to the paralleling intelligence built into the DEC3500 controller, each box can parallel two generators. Up to four paralleling boxes and eight generator sets can be connected to one distribution bus.



Mobile Paralleling Box



Take a trip to America's heartland, where KOHLER® power systems are actively protecting the lives of thousands of families across Iowa at the **Rathbun Regional Water Association**.

 [KohlerPower.com/Rathbun](https://www.kohlerpower.com/rathbun)

Model	Standby 60 Hz (kW/kVA)	Prime 60 Hz (kW/kVA)	Fuel	EPA Emissions
35REOZT4	30/37.5	28/35	Diesel	Tier 4F
45REOZT4	40/50	36/45	Diesel	Tier 4F
55REOZT4	48/60	43/53	Diesel	Tier 4F
90REOZT4	85/106	76/95	Diesel	Tier 4F
120REOZT4	105/131	96/120	Diesel	Tier 4F
145REOZT4	130/163	117/146	Diesel	Tier 4F
175REOZT4	154/193	139/174	Diesel	Tier 4F
70REZGT	62/77	56/70	LP/NG	EPA-certified

AUTOMATIC TRANSFER SWITCHES

They protect your power. And your business.

KOHLER® advanced transfer switches—featuring ATS controllers—are loaded with technology to ensure transfer of power from the utility to the generator and back. When the grid fails, power is transferred to the standby system. And then it’s back to business as usual.

STANDARD FEATURES

Multiple Applications

Find the perfect option. KOHLER transfer switches are available in standard, bypass-isolation, and service-entrance configurations with open, closed, and programmed transition operating modes, from 30 to 4000 amps.

Seamless System Integration

Everything works together. KOHLER transfer switches are designed to interface perfectly with KOHLER generators and paralleling switchgear.

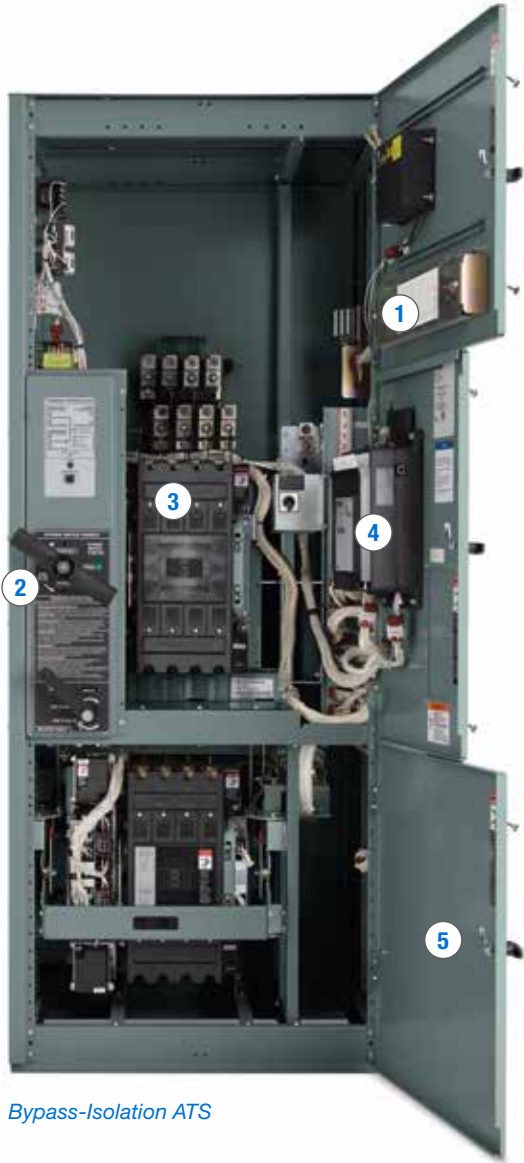
Advanced Communications

Every transfer switch comes fully loaded with the technology to do the job. Ethernet and Modbus communications capabilities are available.

Certified Packages

Transfer switches are UL-listed and have CSA and IBC certifications available.

- 1 AVAILABLE ACCESSORIES
Anticondensation heater, voltage-surge suppressor, line-to-neutral voltage monitoring, seismic certification, and more
- 2 BYPASS OPERATION
Eliminates interruption to the loads during maintenance
- 3 HEAVY-DUTY CONTACTOR
Choose from any breaker, specific breaker, or current limiting fuse-rated mechanisms
- 4 DECISION-MAKER® CONTROLLER
Provides a full array of features including communications, I/O, load management, and other advanced functionality
- 5 CERTIFIED ENCLOSURES
Meet NEMA Type 1, 3R, 12, 4, and 4X enclosure standards



Bypass-Isolation ATS



Service-Entrance ATS



Standard ATS

DECISION-MAKER® AUTOMATIC TRANSFER SWITCH CONTROLLERS

The controller is the brain behind your automatic transfer switch. It tells the switch what to do and when, dictating the logic that determines the reaction.



ATS1200

A customizable solution for your specific application. The ATS1200 gives you full control of system behavior including extended I/O to customize your needs.



ATS1500

When you need to manage your loads, use your system as a prime power application or have a backup for your backup (i.e., a three-source system); this controller gets the job done.

DECISION-MAKER	ATS1200	ATS1500
Amperage	Up to 4000 A	Up to 4000 A
Phases	Single/Three	Single/Three
Poles	2, 3, 4	2, 3, 4
Voltage range	115-600 V	115-600 V
Product Type		
Standard open transition	Yes	Yes
Standard delayed transition	Yes	Yes
Standard closed transition	Yes	Yes
Bypass-isolation open transition		Yes
Bypass-isolation delayed transition		Yes
Bypass-isolation closed transition		Yes
Service entrance		Yes
Withstand and Close-On Ratings (WCR)		
WCR-Specific breaker*	10-200 kA	
WCR-Any breaker	10-100 kA	
WCR-Current-limiting fuses	35-200 kA	
Short-time withstand rating*	7.5-85 kA	

*Ratings are subject to system amperage and voltage considerations

**Short time ratings vary by frame and withstand time

DECISION-MAKER	ATS1200	ATS1500
User Interface		
LED-Contactor position / source available	Standard	Standard
LED-Service required (fault indication)	Standard	Standard
LED-Not in automatic mode	Standard	Standard
Display	LCD	LCD
Programming	USB, Display	USB, Display
Voltage and Frequency Settings		
Pickup / Dropout normal source voltage	Programmable	Programmable
Pickup / Dropout emergency source voltage	Programmable	Programmable
Frequency selection	50/60 Hz	50/60 Hz
Pickup / Dropout normal source frequency		Programmable
Pickup / Dropout emergency source frequency	Programmable	Programmable
Overvoltage trip	Programmable	Programmable
Overfrequency trip	Programmable	Programmable
Normal and emergency voltage unbalance	Standard	Standard
Inphase monitor	Standard	Standard
Transfer commit	Standard	Standard
Phase rotation sensing	Standard	Standard
Time Delays and Configuration Settings		
Transfer to emergency / Transfer to normal	Programmable	Programmable
Engine cooldown	Programmable	Programmable
Generator exerciser	21 exercise events	21 exercise events
Remote peak shave	Standard	Standard
Start-time delay	Programmable (emergency only)	Programmable
Fail to acquire	Programmable (emergency only)	Programmable
Communications		
RS-485	Standard	Standard
Ethernet	Optional	Standard
Accessories		
Programmable engine exerciser	Standard	Standard
Extended I/O	Optional (Up to 4 modules)	Optional (Up to 4 modules)
Digital meter	Optional	Optional
Source priority selector	Optional	Optional
Extended engine start-time delay	Optional	Optional
Controller disconnect switch	Optional	Optional
Load shed	Optional	Optional
Load control	Time-based	Time- or current-based
Three-source system		Standard
Prime power		Standard

PARALLELING SWITCHGEAR

Load it up. Any way you want.

Whether your needs are for emergency, prime power, interruptible rate, or peak shaving applications, Kohler has the switchgear to back them all up. When it's time to spec, our team will take care of you every step of the way—from concept to startup. And we will engineer custom switchgear to meet your needs.

STANDARD FEATURES

Custom Design

Tailor-made from top to bottom. Our switchgear is engineered to specifically meet your unique application.

Certified Packages

All KOHLER® switchgear is cUL-listed. IBC and OSHPD certification is available.

Seamless

System Integration

It's simple really. Our switchgear works with the entire KOHLER power system—generators, automatic transfer switches, and more.

Design Support

Need help? Our experts are ready to assist in switchgear design.

- 1

CIRCUIT BREAKERS

Choose from a variety of paralleling and distribution circuit breakers
- 2

LOW AND MEDIUM VOLTAGES

Available up to 13.8 kV
- 3

CUSTOM OPTIONS

Choose from controls, meters, protective relays, and more
- 4

CONTROL CENTER

Features color touch screen, USB port for downloading reports, Modbus communications, Web server, and more



KOHLER® PD-SERIES

Now when it comes to flexibility in generator paralleling, KOHLER PD Series paralleling switchgear is the way to go. If utility power ever fluctuates or fails, your KOHLER switchgear automatically reacts to the situation, engages the generators, and connects them to your facility.

Features	PD-2000	PD-3000	PD-4000
Low-voltage switchboard (UL/cUL 891)	x		
Low-voltage switchgear (UL/cUL 1558)		x	
Medium-voltage metal-clad switchgear (UL/cUL-listed)			x
NEMA 1	x	x	x
NEMA 3R	x	x	x
Short-circuit rating up to 200 kA		x	x
Short-circuit rating up to 150 kA	x		
Bus rating up to 10,000 A	x		
Bus rating up to 9200 A		x	
Bus rating up to 6000 A			x
Maximum voltage 600 V	x	x	
Maximum voltage 15 kV			x
60 Hz	x	x	x
50 Hz	x	x	x
Parallel up to 32 generators	x	x	x
15" color touch screen (optional touch screen sizes available)	x	x	x
Customizable controls, relays, and metering	x	x	x

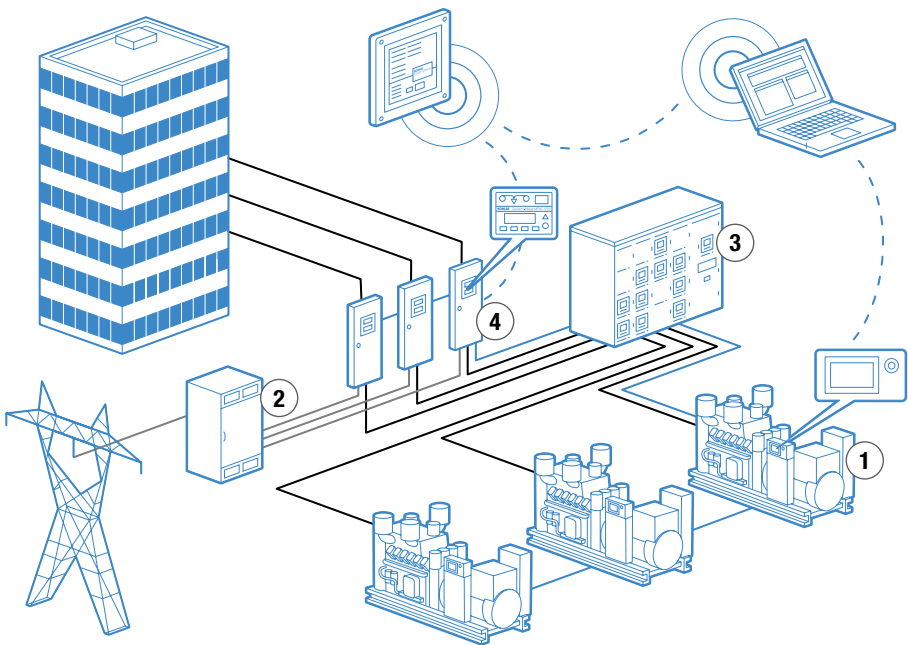
Modes of Operation			
Emergency standby	x	x	x
Prime power	x	x	x
Base load (peak shave)	x	x	x
Import (peak shave)	x	x	x
Isolate (interruptible rate)	x	x	x
Customizable sequence of operation	x	x	x

DECISION-MAKER® PARALLELING SYSTEM

Total integration. From top to bottom.

When it comes to paralleling systems, Kohler offers 100% integration. Our Decision-Maker Paralleling System (DPS) is designed, engineered, and factory-tested as a complete system, unlike other paralleling products built from a variety of components from numerous manufacturers.

Comprised of KOHLER® generators, controls, and switchboards, DPS delivers dependable power across multiple applications.



- 1 KOHLER CONTROLLER**
Decision-Maker 6000 or APM603 controls paralleling breaker and enables load sharing and synchronization for up to eight generators. The APM603 can also handle load add/shed as well as number of generators online if used without a master control panel
- 2 MASTER CONTROL PANEL**
Handles load add/shed, number of gensets online, monitors event logging and alarms
- 3 POWER DISTRIBUTION SWITCHBOARD**
Accommodates paralleling and distribution breakers if not installed on the generator
- 4 AUTOMATIC TRANSFER SWITCH**
Intelligently selects the power source and transfers loads

STANDARD FEATURES

Redundant Backup Power

Total and complete protection. If one genset needs servicing, the DPS makes power available to your most critical loads.

Easy Expansion

Purchase a system that fits your budget today. And, in the future, we'll expand on your DPS instead of completely replacing it.

Operational Savings

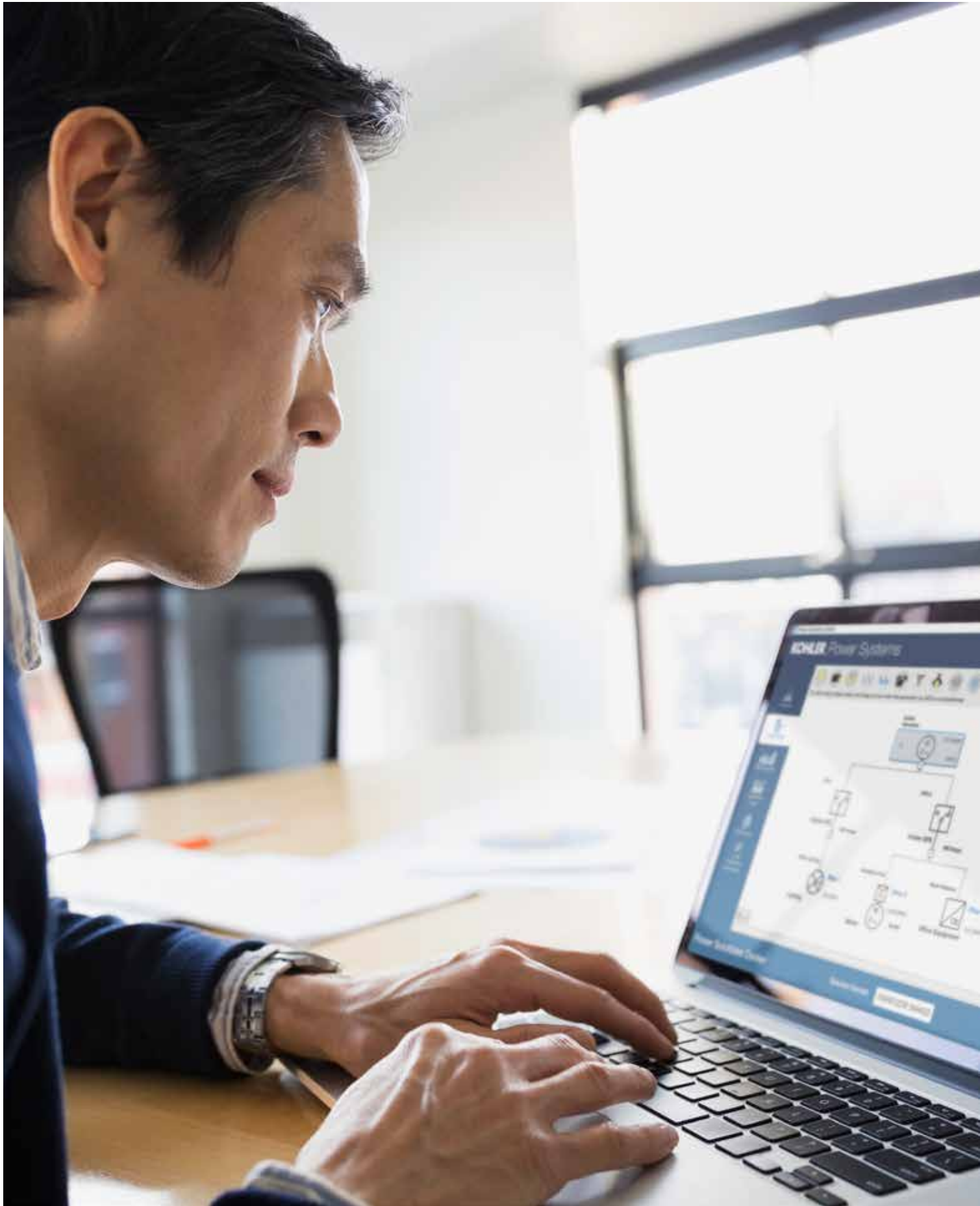
Saving has never been easier. The DPS automatically turns off generators when your needs are low.

Fast Lead Times

Our DPS is a standard product, no customization necessary. So you'll get it faster than custom paralleling systems.

Optional Fuel Types

Mix and match any generator fuel types you want. Available for use with diesel, natural gas, and LP fuel types in the same system.



POWER SOLUTIONS CENTER

Sizing and specifying has never been easier.



Introducing Power Solutions Center from Kohler, an intuitive spec and sizing program that does the work for you—including drag-and-drop load management, automatic one-line diagrams, and accurate specs. Plus sizing for pipes, exhaust, and fuel lines. It’s the easiest, most comprehensive specifying tool you’ll ever use. Available now on your PC and Apple® and Android tablets.

Download it free at KohlerPower.com/PSC.

STANDARD FEATURES

Quick Drag-and-Drop Load Management

- Build system with generators, transfer switches, and transformers
- Duplicate or delete loads with a click of the mouse
- Automatically calculate harmonic load analysis

Automatic One-Line Diagram and Steps Report

- Instantly display and print easy-to-read diagrams
- See parameters that fall outside specified limits

Prepopulated Engineering Tools

- Get tools for exhaust, fuel line, and room sizing in seconds
- Add lighting, air conditioning, elevators and other equipment

Optimum Generator Set Results

- Review a selection of generator set options
- Display generator performance details

Summaries, Reports, and Technical Documents

- Display or print diagrams and detailed sizing reports
- Download spec sheets, diagrams, and BIM models instantly

Quick, Hassle-Free Estimates and Information

- Click to connect with your KOHLER distributor

Secure File Storage

- Store files on your local computer
- Share files online or by email
- Works whether you’re online or offline

KOHLER® GENUINE PARTS

The best way to protect your power and protect your team.

KOHLER genuine parts are easily accessible, which can reduce customer downtime, improve your responsiveness and provide a competitive advantage. Structured to help you deliver top-tier service and capture profits, our Aftermarket Parts and Service team provides the parts, people, and performance you can count on.

PEOPLE

Our experienced Aftermarket Parts and Service team is available to answer your questions. Choosing genuine parts provides you with comprehensive support, training, and technical assistance straight from the factory.

- Factory training
- On-site technical support
- One point of contact for all your parts and service needs
- Dedicated aftermarket channel support

PERFORMANCE

We continually invest in better processes that make your job easier, and we're here to support you in decisions that affect your business.

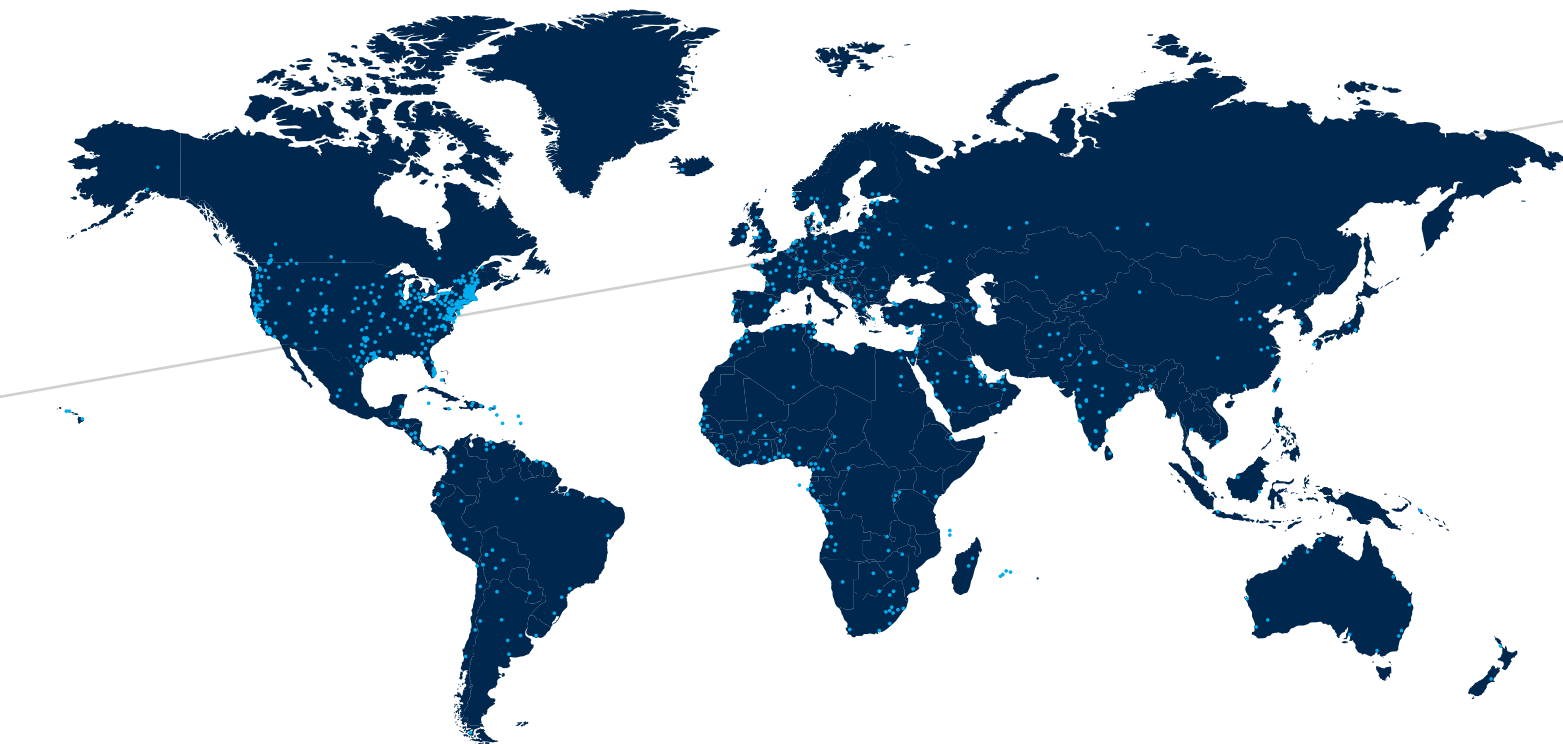
- Inventory management
- Warranty management
- Lead-time strategy
- Information technology tools

PARTS

Designed to perform under the toughest environmental conditions, KOHLER® genuine parts are built specifically for your generator—and will be available when you need them. They undergo extensive lab and field testing as part of the overall power system to ensure everything works as expected and KOHLER aftermarket parts and consumables—including filters, oil, spark plug and batteries—keep your generator running at peak performance.

- Global sourcing
- Warehousing capabilities
- Enhanced genuine parts portfolio
- Online parts catalog
- Parts technical publications





SERVICE AND SUPPORT

The help you need. Any time, anywhere.

You're never too far from Kohler. Across the world, more than 800 locations are ready to provide sales, installation, and aftermarket support services. And each one offers expertise in power specifications, equipment, and integration. There's no question they can't answer. We should know, we trained them ourselves.

Plus, if you ever need assistance in the middle of the night, we'll take care of you. KOHLER Power professionals are available to offer troubleshooting, advice, service, and support.

KOHLER® AND SDMO®: OUR STORY

A global force in power solutions since 1920, Kohler is committed to reliable, intelligent products; advanced engineering; and responsive after-sale support.

And you can find us on nearly every continent on the planet. Over the years we've amplified our global reach—acquiring SDMO Industries, an international leader known for its premium range of generator sets.

Together we've built on the legacy of two leading brands to create one of the largest global manufacturers of generators—and continue an unwavering focus on reliable power systems and innovation.

Our R&D, manufacturing, sales, service, and distribution facilities span the globe from Kohler, Wisconsin, to Brest, France. And while we've maintained two world-renowned brand names, today Kohler and SDMO operate as an integrated global organization that's leading the way in design and manufacturing.

We deliver integrated industrial power systems for emergency, prime, and continuous applications worldwide—from data centers and hospitals to water treatment facilities and government offices. With a deep understanding of your industry, we excel in designing customized power systems that simplify your most complex challenges.

