

KOHLER | **on**[™]

Residential Backup Power



Keep the power on



Why KOHLER® backup power?

Kohler not only makes reliable generators, we also understand how power affects your life. How unsettling it is to be without power. How having the right power at the right time makes your home and your attitude so much brighter. That's why we design and develop unique differences in our reliable backup power systems that you'll appreciate when you need them most.

Safer power for sensitive electronics

Many non-utility power sources can damage and degrade sensitive home electronics due to unstable power quality or high levels of total harmonic distortion. KOHLER residential generators deliver clean, safe and stable power that meets strict utility requirements and electrical standards for total harmonic distortion. But more important for you, your valuable appliances and sophisticated electronics will be protected even while running on KOHLER power.

More powerful performance

Kohler's exclusive PowerBoost™ technology provides greater motor-starting capability for large electrical requirements such as central air conditioners, while still running other home appliances and electronics. For instance, a 12 kW KOHLER generator can effectively manage more electrical load than larger, competitive 15 kW models.

Easier service and installation

Unique to KOHLER generators, the engines powering the generator feature hydraulic valve lifters, which provide for a more reliable performance without routine valve adjustments or lengthy break-in requirements. KOHLER air-cooled generators include an integrated polymer pad for simplified installation by your electrical contractor or KOHLER dealer.

Quieter operation

KOHLER sound enclosures keep the generator operating noise levels to 65 dBA at seven meters, which is similar to the noise level of a typical air conditioner. KOHLER generators maintain neighborhood solitude even while running in the self-test mode or at full operational speed.

Faster response

When utility power fails, KOHLER generators restore power to your home three times faster than competitive models.

More sophisticated diagnostic self-test

While some competitive products perform a brief exercise test weekly at reduced engine speed, KOHLER generators perform a 20-minute, full-speed exercise and a self-diagnostic test weekly to ensure your generator is ready to start and run when needed.

Superior warranty

KOHLER generators pack more than 85 years of proven performance into a truly commercial-grade power system for your home. Your confidence in that unwavering, reliable performance is also backed by a premium warranty. The 8.5 through 30 kW KOHLER generators are supported by a limited five-year warranty* — one of the best in the industry.

* The limited five-year warranty is also featured on our industrial-grade models designed for larger home needs. This includes the ERES-QS2 line - ask your dealer for details.

In the latest test of standby generators, KOHLER earned the highest score and a **“best buy”** rating from a leading consumer magazine.

The KOHLER Difference:

- Cleaner power for sensitive electronics
- More power for better performance
- Quieter operation
- Comprehensive performance checks ensure 24/7 availability
- Faster response





The basics of backup power.

Each home backup power system from Kohler includes the generator unit, transfer switch and battery charger. The automatic transfer switch is an essential component. Frequently referred to as the “brains” behind the generator, the transfer switch continuously monitors utility power and within seconds of any power outage automatically transfers power from the utility to your generator. The generator alone now supplies your home’s power. When utility power is restored, the transfer switch signals the generator to shut down, returning your home’s power demand to the utility grid. It’s that simple.

The Kohler advantage in transfer switches

- Load control contact allows delayed connection of selected loads (such as a refrigerator or air conditioner) to the generator set
- Microprocessor-based controls are standard for source sensing and required time delays
- Automatic engine start
- Weekly exercise function, loaded or unloaded
- LED indicator displays exercise operation and faults
- Short-circuit rating of 22,000 amps provides superior protection for your system (many competitive switches only feature 10,000 amps)
- UL 67 Listed with load center
- UL 1008 Listed without load center



KOHLER® Intelligent Transfer Switch (Model RSB):

The KOHLER Intelligent Transfer Switch is an industry-leading innovation that combines the home's primary load center with a generator transfer switch — in a single panel. This switch is ideal for new construction and remodeling applications. Your new home can be built “generator-ready,” and significant savings can be realized as a result of reduced installation time and material costs.



Options available:

- Service-entrance rated 200-amp automatic transfer switch with prewired Square D® QO® type load centers
- Compatible with all KOHLER 8.5 to 30RES generator sets
- NEMA 1 indoor and NEMA 3 outdoor-rated enclosures
- 240 VAC, 60 Hz
- 150-, 200- and 225-amp main breaker models available
- With or without load shed modules

KOHLER Model R Switches:

Options available:

- 100-, 200- and 400-amp standard models or 200 amp service-entrance rated model
- 240 VAC, 60 Hz
- Two-pole, single-phase
- NEMA 1 indoor and NEMA 3R outdoor-rated enclosures
- With or without load center



“I’ve had my KOHLER 7.5 kW generator since 1971 ... we had a tornado come through, knocking out power for four days. My KOHLER generator ran solid the entire time and served the civil defense, who set up their staging center in my garage because I was the only one with power in the area. It’s been a good family friend to us.”
~Leo Rasp, homeowner



The right solutions in the right sizes.

KOHLER® generators are known worldwide for extraordinary reliability and performance. That recognition continues to grow, as the KOHLER 12 kW generator was named a “best buy” – and the highest-rated generator – in a leading consumer magazine in the latest tests of standby generators. KOHLER generators have also been among the top 10 most requested products among today’s builders.

All KOHLER residential generators incorporate that level of excellence in design, function and performance. Most of today’s households are choosing generators in the 8.5 to 30 kW range. The foldout chart explains the key information you – and your professional installer – need as you decide the best size for you and your family.

For homeowners seeking advanced power requirements or additional options, the range of 40 to 125 kW KOHLER generators provides a custom-engineered solution. If your home’s electrical needs exceed the capacity of a 30 kW generator, chances are you’ll require a more customized approach.

Kohler recognizes that your generator may need to be configured differently than your neighbor’s unit and offers all the options that allow you and your contractor to specify the best generator package for your needs. See **KohlerSmartPower.com** for details on our complete range of larger generator sizes.

A history of innovation. A wealth of expertise.

Kohler built the first modern generator in 1920, and we've been pushing the industry in new directions ever since. Respected for their reliability, KOHLER® generators are trusted by hospitals, the U.S. government, retailers, and are used in critical industrial applications around the world.

A KOHLER commercial-grade residential power system is the ultimate protection during unexpected power outages and keeps your family living life to the fullest. It's what Kohler customers have come to expect from a world leader in home comfort products.



The new 18 kW, air-cooled generator—more power in an air-cooled design, from Kohler's top-rated residential generator line.



“Not only do I recommend KOHLER power for my customers, I have KOHLER generators in three houses I own for their hands-off maintenance and their responsive power ... each one automatically takes over and runs the furnace fan, lighting, well pump, sump pump and televisions — plus, protects all that food in our refrigerator.”

~ Michael C. Brown - professional builder of 20 years

Helping your family live life to the fullest.

Your family likely doesn't care much about "kilowatts" or "transfer switches." They just want fresh food in the refrigerator, cool air blowing from the A/C, or their favorite night light gently glowing during a stormy night. Simply put, they want life to go on without interruption. When the main power is knocked out, KOHLER® home generators provide automatic emergency backup power to support your electrical needs and keep the power on.

Whether you're home or away, a KOHLER commercial-grade residential power system is dependable protection during unexpected power outages. Now your family can enjoy **life without interruption**.

Because KOHLER is **on**.



Get power matched to your needs.

Check the chart. Go online.
Or talk with a KOHLER Power Professional.

KOHLER® generators range in power from 8.5 to 125 kW. The correct generator for you depends on your heating and cooling systems, electronics and appliances ... and the size of those appliances. A household with basic electronic needs (refrigerator, dishwasher, air conditioner, furnace, lighting, television, garage door opener, computer) requires less backup power than one with additional needs: a sump pump, electric range, security system, large wine cellar, electric dryer, and multiple air conditioners.

For help in selecting the right power system for you, visit KohlerSmartPower.com and try the Sizing Calculator. This handy tool is easy to use and beneficial when choosing which KOHLER generator is best for your home. To get an accurate estimate of your generator size needs, just enter the square footage of your home, and select the appliances you wish to keep running during a power outage. You can experiment with adding or removing significant and occasional appliances to see how it impacts the suggested generator size.

In addition, KOHLER Power Systems Professionals are happy to assist you with a load survey and system selection.

Which generator is best for you? See the options below or visit KohlerSmartPower.com for a customized, detailed survey.

Your electrical needs [†]	8.5 kW	12 kW	15 kW	18 kW	30 kW	40-125 kW
Furnace Fan	■	■	■	■	■	■
Refrigerator/Freezer	■	■	■	■	■	■
Sump Pump	■	■	■	■	■	■
Lighting	■	■	■	■	■	■
Well Pump	■	■	■	■	■	■
Television/Radio	■	■	■	■	■	■
Computer	■	■	■	■	■	■
Home Ventilation Fan		■	■	■	■	■
Garage Door Opener		■	■	■	■	■
Electric Range			■	■	■	■
Water Heater			■	■	■	■
Security System			■	■	■	■
Central Air System		✓	■	■	■	■
Washing Machine			■	■	■	■
Clothes Dryer				■	■	■
Dishwasher					■	■
Vacuum Cleaner					■	■
Toaster Oven					■	■
Humidifier						■
Microwave Oven						■
Wine Cellar						■
Extensive Power Requirements						■

[†]Due to the cycling nature of many of these devices, any KOHLER® generator you select may not run all of the appliances simultaneously. Check the manufacturer's specifications for actual power requirements. Consult a Kohler Power Systems Professional for your exact residential power systems requirements. Professional installation required.

✓ The KOHLER 12 kW generator is powerful enough to start and run a typical 4-ton (48,000 BTU) central air conditioner while also running other appliances, in the event of a power outage. Until now, a 15 kW or larger generator was required to run central air along with all other major appliances.

Explore these popular choices.

And find details on our complete range of models up to 125 kW at KohlerSmartPower.com



Model number	8.5RES	12RES	15RESA	18RES	30RESA
Rated Power LP/NG (kW)	8.5/7.0	12/10.4	15/13	18/17	30/27
Voltage @ 60 Hz	120/240	120/240	120/240	120/240	120/240
Phase	Single	Single	Single	Single	Single
Amps LP/NG @ 240 V	35/29	50/43	63/54	75/70	125/112
Engine/Alternator RPM	3600/3600	3600/3600	1800/1800	3600/3600	3600/3600
Engine	624 cc	725 cc	1.6L	999 cc	1.6L
	15.4 hp	23.6 hp	30 hp	30 hp	50 hp
	KOHLER Command PRO OHV CH20	KOHLER Command PRO OHV CH740	General Motors Vortec DOHC	KOHLER Command PRO OHV CH980	General Motors Vortec DOHC
	V-Twin	V-Twin	Inline 4-Cylinder	V-Twin	Inline 4-Cylinder
	Hydraulic valve lifters	Hydraulic valve lifters	Hydraulic valve lifters	Hydraulic valve lifters	Hydraulic valve lifters
Fuel	Natural Gas / LP Vapor	Natural Gas / LP Vapor	Natural Gas / LP Vapor	Natural Gas / LP Vapor	Natural Gas / LP Vapor
Engine Cooling	Air	Air	Liquid	Air	Liquid
Enclosure	Galvanneal® Steel	Galvanneal Steel	Galvanneal Steel	Galvanneal Steel	Galvanneal Steel
UL 2200 (US and Canada)	Yes	Yes	Yes	Yes	Yes
Sound Output dBA at 23 ft	65	65	65	68	68
Dimensions (L x W x H)	42.5 x 30.5 x 32.5	42.5 x 30.5 x 32.5	74.3 x 29 x 48.8	47.2 x 28.6 x 32.5	77 x 33.5 x 45
Total Harmonic Distortion at Rated Load	4.25%	4.25%	3.70%	3.00%	2.40%
Digital Voltage Regulation	+/- 1.5%	+/- 1.5%	+/- 1.5%	+/- 1.5%	+/- 1.5%
Response Time	10 seconds	10 seconds	10 seconds	10 seconds	10 seconds
Exercise Cycle & Self-Diagnostic Test	20 minutes every week	20 minutes every week	20 minutes every week	20 minutes every week	20 minutes every week
Warranty	5-year limited	5-year limited	5-year limited	5-year limited	5-year limited

Keep your home **on**
with KOHLER® backup power.

Learn more by calling **800-544-2444** or visiting **KohlerSmartPower.com** and clicking on the dealer locator to access our extensive, national service network.

KOHLER generators are UL Tested and Listed to UL 2200 for your safety and protection.

KOHLER®

KOHLER POWER SYSTEMS ■ KOHLER, WISCONSIN 53044

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