

Automatic Home Generator Systems

You don't need a larger generator, just a smarter one.



Power outages cost Americans \$150 billion a year.*

Increasingly, people are experiencing losses due to home power failure as a result of:

- Ice storms, hurricanes and other severe weather
- Digging on underground lines
- Birds, squirrels and other wildlife
- Trees and vegetation
- Equipment failures

These losses can range from minor inconveniences to a huge headache. Imagine having to replace a refrigerator or freezer full of food, cleaning a flooded basement caused by a backed-up septic system or even worse.

* Department of Energy, 2009



Power Fact

70% of power outages are weather related.

Source: Edison Electric Institute, 2008



Home Generator 101

Don't skip a beat.

Get the peace of mind you need to help ensure that your lights stay on. Your air conditioner or furnace continues to keep you comfortable. Your sump pump and well pump keep pumping. Your refrigerator and freezer keep things cool. Your TVs, stereos, and computers keep you connected, informed and entertained. Your mobile phone and other portable devices stay charged.

You really can have it all.

In the past, selecting a home generator system meant choosing between a smaller unit that would only power the bare essentials, or a much larger, more fuel-hungry and costly unit. A Home Generator System by GE with the Symphony™ II Power Management System can provide a true whole-house solution.

And, thanks to the revolutionary Symphony™ II Power Management System, you can serve a home-cooked meal and do the laundry.

Traditional Approach to Backup Power	The New, Smarter Approach to Backup Power
Select a generator that provides access to only 50% of a home's power needs.	Select a generator that powers your whole house.
Buy a larger, more expensive unit that takes up more space outside your home.	Select a smaller, less expensive, customizable system , that fits nicely within your landscape.
3 year limited warranty consisting of 2 years parts and labor and 3rd year of parts only.	4 or 5 Year Limited Warranty (model dependent) consisting of parts AND labor for all 4 or 5 years. The Best Comprehensive Parts and Labor Warranty in the Industry.



How do I know it's going to be ready when the power goes out.

Much like your car's engine, your generator engine needs to be lubricated periodically to help ensure that it's ready when you need it, which is why once a week, your engine will automatically start up and run for 20 minutes. You can choose the time for this "exercise cycle" and change it in the future.



What's a transfer switch?

Usually installed outside next to your electric meter or inside right next to your circuit breaker box, a transfer switch is the brains behind your generator system. Its only job is to sense when your power is out and "switch" the generator on.



What's a module?

The Symphony™ II modules communicate via existing wiring with your generator. The modules can be placed anywhere throughout the home for a customized installation. One or two modules should be sufficient for most homes. Additional modules can be used, if needed, to manage up to eight high wattage appliances. Modules are purchased as an accessory separate from the unit.



Installation Facts

1. Most homes use Liquid Propane or Natural Gas.
2. Your installer taps into the fuel source you have and your generator runs off of the same source.
3. At the time of installation, the installer will ask which items are more important and set up your system so that those items are prioritized to start in order of importance.



Find out more online or by phone

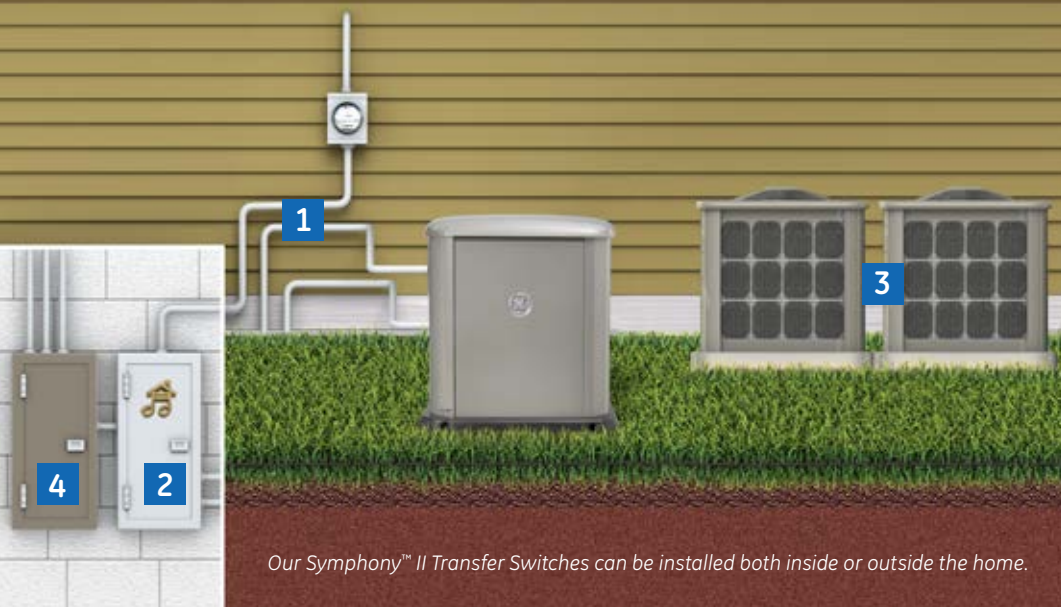
www.ge.com/generatorsystems or call 888-575-8226

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imagination at work

How Does the Symphony™ II Power Management System Work?



Our Symphony™ II Transfer Switches can be installed both inside or outside the home.

- 1 When a power outage occurs, the Symphony™ II immediately senses it, automatically starts your generator and quickly switches your home to backup power to maintain essential power needs.
- 2 The advanced Symphony™ II transfer switch and modules then go to work by measuring your generator's power output and automatically turning each high-wattage appliance on or off as power becomes available.
- 3 For appliances that require extra initial start-up power, like central air conditioning units, the system waits until that appliance is running and its power needs drop before turning on other high-wattage appliances.
- 4 When utility power is restored, the system automatically connects your home back to utility power, shuts the generator down and resumes monitoring your home's connection to local utility power.



Small Home Essential Power Solution

Our 7kW² unit keeps the essentials powered. Its compact design is comparable in size to a standard central air unit and blends in beautifully with your home's exterior and landscaping.



Small to Medium Home Managed Whole House Solutions

Perfect for smaller to medium-sized homes, our new 11kW² and 13kW² units allow you to meet the power needs of your whole house, with a smaller, more affordable unit. All with a footprint that is 15% smaller than our other whole house standby units.



NEW FOR 2012

Medium to Large Home Managed Whole House Solutions

Perfect for medium-sized and large homes, our 17kW² and 20kW² units allow you to meet the power needs of your whole house. Featuring unique air-flow technology, our 20kW² standby generator is our quietest yet.



Large to Luxury Home Managed Whole House Solutions

Perfect for large-sized and luxury homes, our 30kW², 48kW² and 60kW² units allow you to meet the power needs of all of life's luxuries – little and big.



Medium to Large Home New Managed Whole House Solution

Our new GE 17 and 20kW² Standby Generator is our smartest generator ever. It features ground-breaking power management technology, advanced safeguarding features that meet rigorous industry fire protection standards and a new airflow design allowing flexible placement options. There has never been a better time to protect your family and biggest investment.



The longest, most comprehensive limited warranty⁴ in the industry. No one else offers a 5-year parts and labor, so you can be assured of our commitment to quality. And to your pocketbook.



Thoroughly tested to meet rigorous National Fire Protection Agency standards, this is the only 17 or 20kW² standby generator with an all-steel enclosure and all-steel base, so it can withstand temperatures more than double that of aluminum and far beyond that of plastic. With an external, automatic gas shut-off valve, low pressure regulator and the only internal thermal protection system found on any 17 or 20kW² standby in the industry, we've raised the bar on protecting your home and family.



Proven to deliver non-stop reliability, our 17 and 20kW² standby generators are powered by premium-grade Vanguard™ engines that are developed for tough commercial applications.



Includes a wireless monitor for inside your home, so you know your generator is working without having to go outside.

Rated Watts ² (lp/ng)	WHAT ITEMS CAN I POWER? ¹	Limited Warranty ⁴	Amps at 240V (lp/ng)	Briggs & Stratton® or GM Engine	Fuel Consumption at ½ load ³	Dimensions (LxWxH)	Weight
7,000/6,000	10 Lights	4 Years Parts and Labor	29.2/25	500cc Single Cylinder Engine	33 ft ³ /hr (lp), 0.92 gal/hr (lp) 80 ft ³ /hr (ng)	32" x 34.25" x 38.5"	299 lbs.
11,000/9,500	1 or 2 3-Ton, 10 Lights	4 Years Parts and Labor	45.8/39.6	810cc Professional Series™ V-Twin	48 ft ³ /hr (lp), 1.35 gal/hr (lp) 115 ft ³ /hr (ng)	34.6" x 39.4" x 38.5"	500 lbs.
13,000/11,500	1 or 2 4-Ton, 20 Lights	4 Years Parts and Labor	54.2/47.9	810cc Professional Series™ V-Twin	54 ft ³ /hr (lp), 1.50 gal/hr (lp) 125 ft ³ /hr (ng)	34.6" x 39.4" x 38.5"	540 lbs.
17,000/15,300	1 or 2 5-Ton, ALL Lights	5 Years Parts and Labor	71/64	993cc Vanguard™ V-Twin	59 ft ³ /hr (lp), 1.6 gal/hr (lp) 151 ft ³ /hr (ng)	48" x 34" x 31"	484 lbs.
20,000/18,000	1 or 2 5-Ton, ALL Lights	5 Years Parts and Labor	83.3/75	993cc Vanguard™ V-Twin	69 ft ³ /hr (lp), 1.9 gal/hr (lp) 160 ft ³ /hr (ng)	48" x 34" x 31"	500 lbs.
30,000/30,000	1 or 2 5-Ton, ALL Lights	5 Years Parts and Labor	125/125	GM Vortec™ 3.0L I4	106 ft ³ /hr (lp), 2.8 gal/hr (lp) 263 ft ³ /hr (ng)	84.5" x 39.5" x 42.5"	1450 lbs.
48,000/45,000	1 or 2 5-Ton, ALL Lights	5 Years Parts and Labor	200/187.5	GM Vortec™ 5.0L V8	185 ft ³ /hr (lp), 4.8 gal/hr (lp) 429 ft ³ /hr (ng)	98.5" x 39.5" x 44.5"	1890 lbs.
60,000/55,000	1 or 2 5-Ton, ALL Lights	5 Years Parts and Labor	250/229	GM Vortec™ 5.7L V8	200 ft ³ /hr (lp), 5.2 gal/hr (lp) 463 ft ³ /hr (ng)	98.5" x 39.5" x 44.5"	2120 lbs.

EVERY PACKAGE INCLUDES

7-20kW² packages include: generator, transfer switch, hour meter, battery charger and synthetic oil.
30-60kW² packages include: generator, hour meter, battery charger, SAE rated oil and remote system status panel.

ICON KEY



¹ All GE Home Standby Solutions from 10kW–60kW provide a Whole House (all circuit) connection to your home's utility panel. Rooms/appliances indicated above are for example only. Please consult a licensed electrician for your specific requirements.

² This generator is rated in accordance with UL (Underwriters Laboratories) 2200 (stationary engine generator assemblies) and CSA (Canadian Standards Association) standard C22.2 No. 100-04 (motors and generators).

³ Fuel consumption rates are estimated based on normal operating conditions at ½ load. Generator operation may be greatly affected by elevation and the cycling operation of multiple electrical appliances – fuel flow rates may vary depending on these factors.

⁴ Warranty details available at ge.com/generatorsystems

PACKAGE OPTIONS

Transfer Switches

A transfer switch is required for generator operation. It senses when your power is out and "switches" the generator on. Automatic transfer switch options include 50, 100, 200 Amp Symphony™ II Transfer Switch or a Dual 200 Amp/Split 400 Amp Transfer Switch (20-60kW² Only). Please consult with a GE Generator Systems dealer or a licensed electrician for your specific requirements.

Symphony™ II Modules (11-60kW² Only)

The Symphony™ II Modules can be placed anywhere between the circuit breaker panel and the managed appliance and communicate via existing wiring with your generator. You can use up to 8 modules with the system.

Remote System Status Panel

Usually mounted in the home to provide a visual cue of: Low Battery Voltage, Low Oil Pressure, Low Voltage, Engine Does Not Start, Low Frequency, Engine Overspeed, High Oil Temp and Transfer Switch Fault.



Generator Systems

Why Choose GE Generator Systems?

- Patented Symphony™ II Power Management technology allows you to power more for less
- Smarter, smaller and more fuel efficient
- GE - a leader in energy innovation
- Backed by a 4 or 5-year limited warranty⁴