



**Power
Generation**

Reliable Power for an Unreliable World

Residential Standby Generators



Our energy working for you.™

Why do I need standby power?

Power outages are increasing in number and severity. There are many causes.

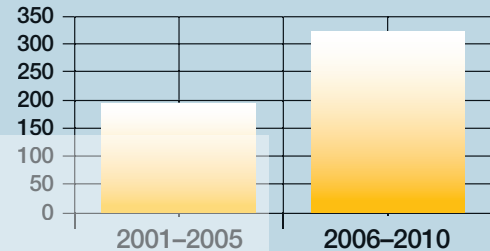
- Ice storms, hurricanes, tornadoes
- An aging power grid stretched to capacity
- Wildlife in a nearby transformer
- Human error by utility employees
- A backhoe mistake on a construction project

Number of U.S. blackouts in 2012: **2,808**
Number of households affected: **25 million**

Source: Eaton Blackout Tracker

Superstorm Sandy left millions of people in the Northeast without heat and electricity, some for over a week.

58% increase in number of power outages affecting 50,000 or more consumers



Source: University of Minnesota study

It doesn't take much to be left powerless. What's more, modern homes depend on electricity for just about everything. And if you run a business from home, or if you have lifesaving medical equipment, losing power is even more serious.

What you need is a reliable, permanent standby power system that can keep your lights, heat, AC, water heater, security system and other important appliances humming, so your family is safe and comfortable. And that's just what we provide.

Why should I install a permanent generator?

Some people try to get by with a portable generator. But unless you're an electrician, there are risks in that approach.

- Will the portable have been exercised regularly to ensure it will run?
- Will there be enough fresh gas to run it for an extended period?
- How will you hook it up in the dark during a thunderstorm?
- Will it have enough capacity to power the appliances and lights you need?



Cummins Power Generation offers air-cooled and liquid-cooled residential models from 13-150 kW.

A permanently installed generator avoids all these problems. That's why in the wake of Superstorm Sandy, a leading consumer publication recommended a permanent installed generator for maximum effectiveness. It works automatically; you don't have to do a thing.

Why should I use an authorized dealer for a standby power system?

This is not a DIY project. An authorized dealer has the knowledge to provide information and answers to critical questions. The dealer should also be qualified and licensed to handle the installation, which includes fuel and electrical connections.



TYPE OF LOAD	WATTAGE
LAPTOP	45 W
RADIO	50 W
PLAYSTATION	100 W
TWO LIGHTING CIRCUITS	200 W
DESKTOP COMPUTER	200 W
TELEVISION	300 W
FOUR LIGHTING CIRCUITS	400 W
FURNACE FAN	500 W
GARAGE DOOR OPENER	875 W
COFFEE MAKER	900 W
MICROWAVE OVEN	1000 W
10 LIGHTING CIRCUITS	1000 W
SUMP PUMP	1000 W
WELL PUMP	1000 W
WASHING MACHINE	1200 W
REFRIGERATOR	1200 W
JACUZZI	1500 W
ELECTRIC OVEN	2000 W
ELECTRIC CLOTHES DRYER	6750 W
4-TON CENTRAL AC	8500 W

An authorized dealer can:

- Determine the right model for your home
- Apply for necessary permits
- Install the generator properly in a location that complies with applicable codes
- Take care of regular preventive maintenance and service calls
- Answer your questions and guide you through the operation of the generator

Why should I choose Cummins?

Cummins Power Generation is part of Cummins Inc., a global leader in reliable power. Here are just some of the many things we are proud to power:

- Ram® pickup trucks with diesel engines
- Close to half of the big-rig semi trucks on the road today
- The Statue of Liberty and Mount Rushmore
- Hospitals, data centers, banks and other large, critical facilities across North America

Plus, millions of boats, RVs and commercial mobile vehicles — everything from fire engines to food trucks — use our generators. In other words, Cummins and Cummins Power Generation are synonymous with reliable power.



We designed the first generator for RVs, and we are still leading the way 2 million units later.



A legacy of reliability

Our heritage of reliable power goes back a long way — nearly a century.

- 1919 – Clessie Cummins founded Cummins to make better diesel engines
- 1920s – David Onan founded Onan Corporation and manufactured first generators for home use
- 1929 – Introduced America's first diesel-powered car
- 1940s – Supplied engines for heavy-duty trucks and most of the field generators used by Allied forces in World War II
- 1960s – Developed first generator specifically for RVs and introduced a line of automatic transfer switches and paralleling switchgear
- 1980s – Introduced Cummins Turbo Diesel engine for Dodge Ram pickup trucks
- 1990s – United strengths of Cummins and Onan together under Cummins Power Generation
- 2000s – Awarded renewed U.S. Army contract for latest generation of military field generators
- 2010s – Repeatedly recognized as a top company for diversity, best places to work, sustainability, financial performance

Bottom line: You can trust your home and family to us for standby power.

A focus on quiet

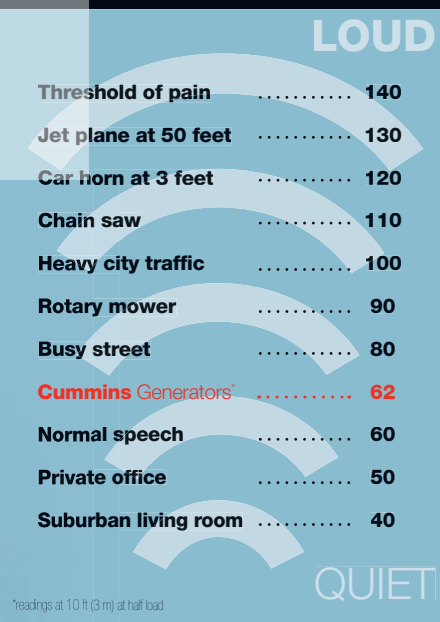
All of our generator systems are designed and assembled with care right here in North America, with continuous efforts in product research and development.

For example, we work hard to reduce noise. Pinpointing the sources of noise helps us design quieter products that beat other generators in independent noise-comparison tests.

Of course, you will hear the generator when it's running if you are near it, but that reassuring hum will be your favorite sound when the power goes out.


Noise Comparison

Measured in decibels (dBA)



Advanced features

Besides reliability and low noise that ensures a quiet, neighbor-friendly experience, our advanced systems also feature:

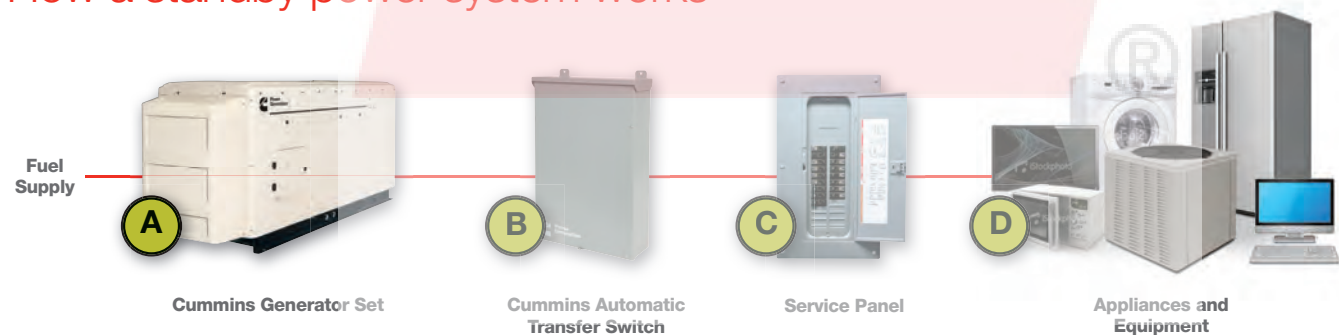
-  Ease of installation and servicing
-  Flexibility to run on either natural gas or propane
-  Stable power output that protects your sensitive electronics
-  Convenient remote monitoring from anywhere you have an Internet connection
-  The best warranty in the industry

Unmatched customer service

There's one more big reason to choose Cummins Power Generation: Our network of authorized dealers will make sure that wherever you live, you receive excellent service. Our dealers have the training, knowledge, parts and support to provide first-rate customer service before, during and after your installation.

Because buying a generator is like buying a new car: The product is only as good as the dealer who takes care of it for you.

How a standby power system works



- A.** A line from your natural or LP gas source supplies fuel to the generator. An electrical connection runs to an automatic transfer switch (ATS), which is usually installed next to your home's electrical distribution panel.
- B.** When the ATS detects a loss of utility power, it commands the generator to start up. Then the ATS switches your home from the utility to the generator. The generator begins delivering electricity to the ATS and the distribution panel.
- C.** The electricity produced by the generator is then distributed from the panel to power the lights, furnace, AC, refrigerator, computers and other "loads" that you selected when the system was installed.
- D.** When utility power is restored, the ATS switches your home back to the grid and signals the generator to shut down. And it all happens automatically. You don't have to worry or lift a finger.

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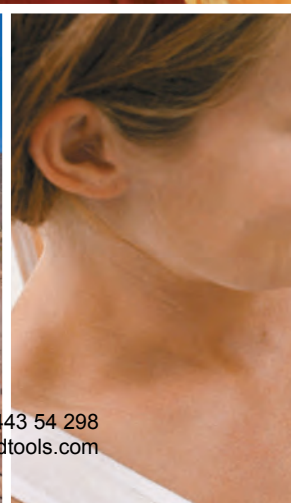


Don't be powerless.

Safeguard your family and home today.

Call 1-800-888-6626 to find a local authorized dealer near you to schedule a site evaluation and quote.

Or, to get a head start, use our handy online sizing tool at www.cumminsonan.com/residential/select.



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