

The 8 Best Standby Generator of 2022



Best Standby Generator- Home standby generators are a complete method to stay connected and reliable even during a power outage. These settled generators remove many of the headaches associated with employing portable generators like continuous refueling, managing many feet of extension cords and enduring the regular din of a noisy motor.

Home standby generators are an investment, but they provide increased energy potential and are ready to use when the energy cuts out. They mainly range between 7 kW to 22 kW of energy or more once installed for use. To keep essential devices such as your refrigerator or your air conditioning operating, home generators rely on propane or natural gas connection. Alternatively, you can use diesel-fueled generators, but be aware that extra codes may govern the setting of this kind of home standby generator.

Home generators differ in wattage and you must factor in both running watts and starting watts for your home's energy supply demands. You should also that standby generators must often be employed with a transfer switch to avoid back-feed that can damage your home's electrical appliances, the generator, or serious injury and death to utility operators. Visit [here](#) to know different standby generators completely.

Here, the top standby generators for maintaining important performances during a power outage.

The 8 Best Standby Generators

1. Best Overall: Generac 10 kW Guardian Series Home Standby Generator, Model 7172



Generac 10 kW Guardian Series (Reference: thespruce.com)

Pros & Cons

Pros

- Simply Install
- Dual Fuel

Cons

No automatic start/stop

Specifications

Watts	10kW
Fuel Type	Natural Gas-Propane
Automatic Start	No
Transfer Switch	100W

General Descriptions

A whole-home generator provides the peace of mind that comes from using your most essential appliances and that devices will remain operating, even if the electricity goes out. The Generac Guardian series is one of the most common types of standby

generators on the market and a variety of forms exist to meet your specific power demands.

The Generac Guardian Model 7171 is suitable for basic home use and is an air-cooled system. This instrument is rated 9 kW once using propane and 10 kW when employing natural gas. Tool-less transformation ability allows you simply install the device for the fuel source of your option.

Besides, you can keep an eye on the condition of your device with the use of Generac's mobile link remote control system. With a Wi-Fi-activated generator, such as this model, you can keep tabs on the instrument's current working condition or receive emergency alerts. However, don't consider this as a high-tech device that permits you to remotely stop or start the generator's performance with an app controller; the mobile link remote control service is a simple tool to monitor status updates.

This standby generator comes equipped with a 100W transfer switch that includes up to 16 circuits. The transfer switch changes your home's power source from the incoming utility path to the device, reducing dangerous back-feed.

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The 5 [Best Gasoline Generator](#) of 2021

2. **Best Budget: Generac PowerPact 7,500 Watt Standby Generator, Model 69981**



Generac PowerPact 7,500 Watt Standby Generator (Reference: thespruce.com)

Pros & Cons

Pros

- Budget-Friendly
- Applicable

Cons

Not Robust

Specifications

Watts 7.5kW

Fuel Type Natural Gas- Propane

Automatic Start No

Transfer Switch 50 amps

General Descriptions

This is an applicable whole-home standby generator from Generac. The PowerPact type is a budget-friendly option that still guarantees that results from having a device ready to provide energy to your home in the event of a cut-off.

The PowerPact model provides 7,500 watts of energy and can perform using your home's available natural gas lines or a propane source. It can perform up to 8 circuits, the PowerPact is not the most robust device on the market but it can be relied on to meet your most critical demands in performance.

Additionally, this type includes a 50-amp automatic transfer switch that enables the device to simultaneously take over if the energy goes out. Instead of hauling out your portable device, fueling it up, and connecting the power lines to the main appliances, the PowerPact is a budget standby device that kicks into action immediately.

3. **Best Quiet: Cummins 13 kW QuietConnect Home Standby Generator, Model RS13A**



Cummins 13 kW QuietConnect Home Standby Generator (Reference: thespruce.com)

Pros & Cons

Pros

- Very Quiet
- Needing Small Space

Cons

Low Power

Specifications

Noise	65 decibels
Volume	18 inches
Automatic Start	Yes
Transfer Switch	N/A

General Descriptions

Enjoy power along with peace by employing a quiet home device that won't disturb your everyday program—or annoy the neighbors. The Cummins QuietConnect generator provides a hard-to-beat noise rating of just 65 decibels, about the same volume as standard discussion. With a compact footprint, it needs just 18 inches of clearance from your house—which won't be a matter given how quiet this device is.

Like many other home devices on the market today, it provides less than 5-percent harmonic noise for less strain on your home devices. Besides, you can drive access diagnostic data from your computer or smart instrument to monitor, start, and stop your device anytime, anywhere.

4. **Best for Small Homes: Briggs & Stratton 10 kW Automatic Home Standby Generator, Model 040375**
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Briggs & Stratton 10 kW Automatic Home Standby Generator
(Reference: thespruce.com)

Pros & Cons

Pros

- Compact Size
- High Efficiency

Cons

No attached transfer switch

Specifications

Watts	10kW
Fuel Type	Propane- Natural Gas
Automatic Start	Yes
Transfer Switch	No

General Descriptions

No matter the size of your building, the convenience of a device can't be overlooked. Small homes with smaller appliances and less energy-intensive cooling and heating networks don't have equal energy needs and a smaller device, like this type from Briggs & Stratton is an appropriate choice.

Most notably, this instrument for small homes has a compact footprint—it is just 28 x 26.1 x 34.8 inches and can be set with only 18 inches of clearance from your building's space. At the identical time, there's no shortage of energy inside this generator for small homes. It can operate close to 10kW on propane and 9kW using natural gas.

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The Best Diesel Generator of 2021

5. Best for Medium Homes: Briggs & Stratton 17 kW Home Standby Generator, Model 040630



Briggs & Stratton 17 kW Home Standby Generator (Reference: thespruce.com)

Pros & Cons

Pros

- Efficient and compact for medium homes
- Large Transfer Switch

Cons

No Auto Start

Specifications

Watts	15.3kW
Fuel Type	Natural Gas
Automatic Start	No
Transfer Switch	100amps

General Descriptions

When it comes to buying a whole house device, you want to ensure that you have a source of energy but also prevent overspending on a generator with more potential than your home requirements. Generally, large home devices are categorized as providing 22 kW of power or more, and small home generators commonly range close to 10 kW of energy. The Briggs & Stratton Model 040630 ensures the balance with 15.3 kW (employing natural gas), making it an excellent option as a standby generator for medium houses.

This standby device can ensure that instruments like your fridge and freezer keep operating while you keep the lights on. This device can also keep you convenient by performing HVAC system parts, like your main air conditioner—though you'll require to estimate the wattage of all the energy demands, you plan to implement simultaneously to identify what the generator can tolerate. An included 200amps transfer switch provides increased potential when compared to small devices that always have 100 amp transfer switches produced. Making it an excellent option as a standby generator or **generator rental** for medium houses.

6. **Best Air-Cooled: Briggs & Stratton 12,000 Watt Automatic Air-Cooled Standby Generator**



Briggs & Stratton 12,000 Watt Automatic Air-Cooled Standby Generator (Reference: thespruce.com)

Pros & Cons

Pros

- Auto Start
- Air cooling system
- Adaptive Size

Cons

Expensive

Specifications

Watts	12kW
Fuel Type	Propane
Automatic Start	No
Transfer Switch	N/A

General Descriptions

Heat is typically a major issue with standby generators. For a device with a lot of complicated moving components, heat normally builds up the longer a generator operates. In order to resume performing without experiencing major, permanent harm, an instrument requires an appropriate cooling system. For most affordable devices, this configuration swaps hot for cool air using some fans.

The Briggs & Stratton 12,000 Watt device is all about heat control and efficiency in its model. With a small enclosure and effective air cooling configuration, the system can perform for long periods without overheating.

7. Best Single-Phase: Generac Protector Series 15 kW Diesel Home Standby Generator, Model RD01525



Generac Protector Series 15 kW Diesel Home Standby Generator (Reference: thespruce.com)

Pros & Cons

Pros

- Cost-effective
- Appropriate Phase output
- Extra Monitoring by an LCD

Cons

Need large space

Specifications

Watts	15kW
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Fuel Type	Diesel
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Automatic Start	Yes
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Transfer Switch	N/A
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General Descriptions

When selecting between a single-phase and three-phase device, you'll want to meet your power demands. Unlike your normal three-phase generator, single-phase generators generate one single voltage of energy. While more energy- and cost-efficient in the long operation, the ratings can change all over the power cycle. This shouldn't be an issue for normal and residential functions, but if you're looking to energize a larger home in a more metropolitan region, opt for a multiple-phase choice.

The Generac Protector Series Diesel Home Standby Generator is adaptable, versatile, and simple to employ. It comes with a set of pre-arranged properties that you won't have to bother messing with and has an additional viewing window for comfortable control. The multilingual LCD allows for you simply monitor the generator operations, and the generator automatically conducts a weekly evaluation to determine any issues. All in all, this is a great pick and cost-effective device to store your money in the long term. It's desirable for most residential functions and is built to last.

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[Best Dual Fuel Generator of 2021](#)

8. **Best Liquid-Cooled: Generac Protector QS 22 kW Standby Generator, Model RG022**



Generac Protector QS 22 kW Standby Generator (Reference: thespruce.com)

Pros & Cons

Pros

- Liquid-Cooling system
- Appropriate for large homes

Cons

Need large space

Specifications

Watts	22wW
Fuel Type	Propane-Natural Gas
Automatic Start	No
Transfer Switch	N/A

General Descriptions

Liquid-cooled devices are typically quieter than air-cooled types and decrease the risk of overheating, particularly in hot climates. The Generac Protector series applies a closed coolant recovery network to keep interior parts from overheating. A water pump and radiator operate to circulate the coolant through the system, which may mean more maintenance over the life cycle of the instrument, but better cooling potential in return.

A large device, like the Protector QS RG022, uses the liquid cooling system as it generates up to 22,000 watts of energy employing propane or natural gas. This type is sized right for large homes but is an appropriate option if you live in a warm climate and want the peace of mind that comes from a liquid-cooled device.

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The 10 [Best Solar Generator](#)

Maintenance and Warranties of the Standby Generator

Once you may not be employing your standby generator on a regular foundation, you want to understand that you can fire it up on any given day and it will be reliable for use. To make sure that your device is in tip-top shape, you'll require to implement basic maintenance.

The constructor of any generator you buy must present basic maintenance information, but generally, it's recommended that you perform the following for most types of them.

- Run the device for at least 30 minutes per month. This operation will keep the motor and parts from seizing up and becoming prone to failure or breaking. Make sure that you just implement the device in a well-ventilated, open area—even during these short maintenance operations.
- Add fuel stabilizer to the tank once storing a gasoline-powered device for a long period. This extra material will help ward off rust, corrosion, and sediment. Don't neglect proper fuel storage since the gas that has gone bad is a leading cause of small engine failure.
- Regularly replace or repair motor sections that are subjected to tear and wear. Components like air and fuel filters, spark plugs, and more can become worn over time.

- Never allow the oil to flow low in your device. Doing so can result in major engine damage or even failure of the engine. Control oil rates and replenish as necessary.

The investment you make in a device is always backed by a constructor's warranty. Most residential portable and inverter instruments are supported by a two or three-year warranty period that covers labor and parts. Standby generators, which are typically a greater investment, commonly provide three or five-year warranty periods.

Some warranties will also offer travel investment for a technician to come and repair the device, but this differs by constructor and type, so read the fine print precisely to see what will be covered in this regard.