

An aerial night photograph of a suburban neighborhood. The scene is dimly lit, with the primary light sources being the interior lights of houses and streetlights. In the foreground, a two-car garage is visible with a white car parked in the driveway. The house next to it has several windows glowing with light. A street runs diagonally through the middle of the image, with a few cars parked or driving. Other houses of various architectural styles are visible in the background, some with lit-up porches or windows. The overall atmosphere is quiet and residential.

Generators vs. Batteries

Which Backup Power System is Best for Your Home?

Divided Sky Roofing & Solar

<https://mydividedsky.com/>

Generators vs. Batteries

When it comes to ensuring your home and family are prepared for power outages, backup power is essential. Even if you only experience temporary power outages, they can cause considerable stress, disruption, and discomfort.

Having a reliable backup power system in place can help you and your family stay comfortable, safe, and productive during a power outage. In this guide, we'll look at the two main types of backup power solutions: batteries and generators, and we'll explain why each can be a good choice depending on your unique needs and goals. We will also discuss the costs, benefits, and considerations for each option.

Have Questions?

If you have any questions as you go through this guide, be sure to contact Divided Sky! Our experts are here to answer any questions you may have about home backup power solutions, and we're happy to assist in any way we can.

[Contact Us](#)

A white Generac Guardian Series generator is partially buried in a deep layer of snow. In the background, a building with red horizontal siding is visible, along with bare trees and a yellow shovel handle. A semi-transparent green box is overlaid on the upper part of the image, containing the title text.

General Comparison

11 kW

GENERAC
Guardian Series

Generators vs. Batteries

When deciding between a backup battery system and a whole home generator for your home, you'll need to consider your specific needs and budget.

Whole Home Generators

In general, whole home generators provide a more consistent and reliable source of power than backup batteries, as they are connected to a permanent fuel source such as natural gas or propane.

These generators can power your entire home, including major appliances, HVAC systems, and lights.

Backup Batteries

When compared to whole home generators, backup battery systems are smaller, lighter, and more compact, making them easier to install.

Backup battery systems provide power for a limited time, which varies depending on the size of the battery and the energy usage of connected devices.

These systems also require recharging during normal power usage, which can take several hours.



Cost Comparison



STORZ POWER

Heading

The cost of whole home generators and backup batteries can vary significantly depending on the size and features of the system. The amount of backup power you need will impact the size and cost of the system you need to power your home during outages.

Whole Home Generators

Whole home generators typically cost several thousand dollars, with prices ranging from \$5,000 to \$20,000 or more, depending on the size of the generator and the features it includes.

The cost may or may not include installation and other related expenses, such as permits and inspection fees. It's important to ensure you determine the all-in cost (expenses for inspections, permits, materials, labor, and other costs) before committing to a generator.



Operating costs, such as fuel and maintenance, must also be considered over the lifetime of the generator.

Backup Batteries

Backup battery systems typically costs less than whole home generators, with prices typically ranging in the low thousands of dollars (depending on the capacity and features of the battery).


The upfront cost of a backup battery system is usually lower since the installation process is generally simpler and less invasive. However, the cost of energy to recharge the battery and the cost of replacement batteries over time must also be considered.

In summary, the cost of a backup battery system is typically lower upfront, but the ongoing costs of operating and maintaining the system must be considered over the long term. A whole home generator is more expensive initially, but it is a more reliable and consistent source of power during outages.

Need Help Deciding?

Not sure whether a whole home generator or backup battery system is the right choice for your needs? Contact us today to discuss your goals and budget and we'll help ensure you get the backup power system you need!

[Contact Us](#)

A white outdoor HVAC unit is mounted on a brick wall. A green rectangular overlay is positioned in the center of the image, containing the text 'Frequently Asked Questions'. The unit has a black base and a yellow gas line runs vertically along the wall to its right. The foreground shows a paved area with interlocking bricks.

Frequently Asked Questions



Why are estimates for generators and backup batteries higher from installation specialists than prices shown in stores?

The prices you may see in stores are for the units themselves, but don't include extra costs associated with installation. For instance, if you're planning on installing a whole house generator, you'll need:

- A licensed electrician
- A licensed plumber
- Labor & materials to install the system
- Permits & inspections

In addition, the box pricing doesn't account for location and distance to gas and electrical lines—the further these are from the installation site, the more labor required during the installation.

What Brands Do You Recommend & Install?

For Generators: Generac, Briggs & Stratton, and Kohler are all great choices. Depending on your supply needs and desired features, some brands will have better pricing than others. To find out which brands and options are best for your specific needs, contact us today!

For Batteries: We recommend and install Storz Power over other brands for several reasons. We've found them to be the most reliable, flexible, and feature-packed for the price. When it comes to backup battery solutions, comparisons aren't apples to apples. There are different aspects to consider, such as:

- Power Rating (Output)
- Capacity Rating (Duration)
- Round-Trip Efficiency
- Lifespan
- Cost
- + More

Plus, the Storz Power systems we recommend come with a smart access panel that allow you to use your phone for load shedding, allowing you to control how power is being used so you can maximize efficiency.

Why Don't You Recommend the Tesla Powerwall?

In our opinion, the Tesla Powerwall is an underwhelming solution that has achieved success due to good branding and marketing. They get the job done, but they're more expensive than more powerful and efficient alternative options on the market.

For example: Storz Power systems are about 20% more efficient than Powerwall systems on average, and they are more customizable for your size needs (Powerwall options come in 7.5kw blocks, while Storz Power solutions come in 5kw blocks).

Get Your Estimate

Ready to enjoy peace of mind knowing you'll never be without electricity again? Contact the specialists at Divided Sky to discuss backup power for your home today! Our friendly team will work with you through every step of the process, from choosing the right system for you through final installation—and we're here after for any support or questions you may have.

[Contact Us](#)

Contact Divided Sky Today

We aspire to be a beacon of hope and joy for our community, staff, and business partners alike. Our commitment is to always go above and beyond in order to create an experience that you can't wait to share with your loved ones. We are dedicated to bringing you the highest grade of roofing and solar services available.

We value our relationships with our clients and enjoy being a resource for our community. To achieve this we believe it is imperative to treat everyone like family. We work together with our clients to educate them so that we can determine the best solution for their needs. Trust and integrity are the most valuable things we offer!



Our Mission:

To provide extremely professional quality roofing and solar solutions to our customers at reasonable prices in order to earn future business from those in our community.

Our Vision:

To be a resource and a blessing for our community, staff, and partners. We strive to exceed all expectations and provide an experience worth telling your family about.

Contact Us Today—We'd Love to Hear From You!