

The Best RV Generators in 2022

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This post aims to help you find the best RV generators in 2022 by explaining the basic technology behind these generators and a general buying guide. RVs need generators as part of their accessories. They can be used for powering appliances and charging batteries when boondocking.

Whenever it comes to RV generators, you can find everything you need to know right here on Linquip. Here at Linquip, we aim to provide you with a wide selection of the best RV generators on the market so you can pick the one that is most convenient for you. You may find it useful to take a look at Linquip's page entitled "**What Is Generator?**" in order to gain a basic understanding of what Linquip can offer you.

Do you have a need for an RV generator? If so, what kind of generator do you need? On Linquip's website, you can browse through a free database listing the items under the category **Generator Products**. Here is where you can find the best prices on RV generator equipment, as well as other RV generator devices which are designed to run on generators. With Linquip, you can quickly and easily send a request to various **Generator Suppliers and Companies** and receive free quotes from them within a short time period if you wish.

You shouldn't forget to bring a portable generator with you when you go camping. Many fantastic portable RV generators are available on the market today. Each of these generators is suitable for a different purpose based on its size, wattage, voltage, and price. While some people need a low-priced generator, others need one capable of providing a lot of power. A generator that connects to solar panels can even harness the power of the sun!

You will find all the information you need to make the best choice when buying a portable generator for your RV. In addition, we will show you the best RV generators currently on the market.

Basics of RV Generators

It is common for people to want even minimal access to modern conveniences when venturing into nature for some relaxation. The many benefits and applications of generators make them an important part of the camping experience. A quality camping generator is essential if you want to charge your phone or run home appliances in your RV. Every RV owner must find the best RV generator because of their overall convenience.

They come in a variety of styles, and their usability is determined by their features. You can use some generators to power your RV's microwave or minifridge, while others are just enough to charge your phone.

However, you may find the search process to be a little more complicated than you anticipated.

First-time RV generator users may be confused by these devices. By guiding you through this process, we hope to reduce these complications. We will discuss several relevant topics regarding these useful devices in this guidance.

RV Generators Buying Guide

To help you make an informed generator purchase, we have created a buyer's guide that answers all your questions, along with a few that you might not have thought to ask.

There are many types of generators, and not all are created equal. Different sizes, shapes, power outputs, and features, among others, are available.

When purchasing a generator, you should take several factors into account. Each of these criteria raises a question for the buyer. Based on your answers, they can point you towards a generator that fits your needs and (hopefully) does more. Below is a discussion of those criteria.

Conventional or Inverter Generator

A conventional generator is powered by a simple engine that runs at a constant speed. It might not be the best option for some modern electronics due to their sensitivity to surges. Modern electronics can be severely damaged by sudden changes in current, resulting in a short circuit. The majority of generators today are inverters.

Power Output

Do you need a certain amount of power? Since you'll be using your generator for RV purposes, you'll need something that can power your most essential RV devices and appliances.

The generator output is measured in watts.

For charging sensitive electronics, such as cell phones and laptops, there are generators that are designed specifically for this purpose. Some generators can also handle running a microwave and an A/C unit. It's just a matter of knowing the difference. You should consider two things when it comes to power: generator type and output.

The two main types of generators are standard and inverter. Standard generators run at a set speed from the time they're turned on until they're turned off. A job site or event can benefit from this. It's a straightforward power source.

Inverter generators use microprocessors to monitor each change in load. As those changes occur, the power output automatically adjusts. When you charge your laptop, microwave a burrito, and watch TV, your output remains constant. When you're done microwaving, the power output adjusts, so your laptop and TV are the only things you need to power.

Microwaves and laptops benefit from inverter generators because they prevent surges that may damage them.

Generators with an output of 1kW to 3kW are suitable for RVs, while campground generators need only enough power to run a phone or speaker. Generator output can be even higher depending on the number of devices you want to run with your generator and the number of RV power outlets you have.

Portable or Permanent

Portable generators are the most common RV generators. Camping, tailgating, and using a portable generator at home are all excellent uses for portable generators.

Also available are permanent generators that are as easy to use as hitting a button. The permanent generator is installed directly on the RV unit and is often connected to the onboard fuel source or RV battery backup. Although they're more expensive and usually require professional installation, they are easier to use.

Size

The compact-size generator ranges from 10 to 15 inches in size, making it ideal for camping. There are also larger generators available, of course. When camping, you will have a lot of other gear, so it's better to have a compact one.

Weight

Camping generators should be lightweight. This allows for easier transport by hand, as well as a smaller footprint. It is possible to purchase camping generators weighing under 25 pounds, and some weigh even less.

Portability is also compromised by the location. Is it intended solely for RV use? Is it going to be used for camping, for backup power during power outages? You can find a generator that does all or some of these things, but you need to know what you're looking for in advance.

Some of them are portable but do not have wheels. There is a separate charge for them. Weighing is one of the most significant factors in "portability.". Does the generator need to be picked up? Would you be able to do so? Prior to purchasing a generator, check its weight (if heavy lifting isn't your thing).

Noise Level

In order to avoid being asked to turn off your generator when camping with a generator, your generator must produce no more than 70 dBAs. Depending on the park, these guidelines may differ. Noise levels between 60 and 70 decibels are generally considered acceptable.

Fuel Type

Generators are typically powered by gas. Some generators, however, are powered by liquid propane or diesel. There are also some that are powered by two different fuel sources, such as gas or liquid propane.

Fuel Consumption

It is also essential to consider each generator's fuel consumption. The frequency at which you will need to replenish these devices is important to know. Additionally, rig owners shouldn't choose a model that requires them to travel long distances for fuel.

Camping enthusiasts who enjoy their rigs away from civilization should consider this when making their decision. Additionally, it is advisable to buy a generator that has an eco-mode, which throttles only when power is needed.

Another important point to take into account would be that open-frame generators burn fuel more rapidly than top-tier portable generators. Models with open frames typically use more fuel because they operate at high power rates frequently.

Therefore, two portable units with parallel capabilities would be more cost-effective than one open-frame unit.

Durability and reliability

Durability and reliability are the next two things to consider. In an emergency, you don't want your generator to fail. Thus, it's crucial to choose a brand with a good warranty and recognition in the industry.

Price

Generators that are more expensive have more features, put out more power, and are usually quieter.

It is here where you must decide if the extra cost of obtaining more power and more features is worth it.

Buying a generator isn't cheap for rig owners. You'll have to spend money on these devices, affecting your finances more than you'd like. Nonetheless, generators are an indispensable tool for exploring nearby areas.

Consequently, you should try to purchase the most affordable option. It will consist of determining your budget based on your needs. Nevertheless, you should ensure that your budget is realistic and accounts for every feature you desire.

For example, rig owners looking for 4,000-watt models should have higher budgets than those buying 2,000-watt models. If you want to buy models with higher wattages, you should consider the increased cost.

By staying within your budget, you'll be able to narrow your options and keep your options more manageable. This will simplify the entire purchase process because you will only have to choose generators that will meet your needs.

Emissions

Portable generators have advanced tremendously thanks to the development of inverter generator technology. Based on demand, an inverter generator can adjust the throttle of the engine.

Therefore, generators will not have to run constantly at full throttle, resulting in less pollution and lower fuel consumption. By choosing an inverter generator, you can save money on fuel and emit less pollution.

Warranty

A quality warranty is crucial when you're spending hundreds or even thousands of dollars on a generator. The warranty on your portable generator should be valid everywhere in the country if you plan to use it while traveling full-time. In order to be certain that your

warranty is valid nationwide, you should purchase your generator from a big-box retailer.

Best RV Generators Reviews

1. Westinghouse iGen2200 Super Quiet & Lightweight Portable Inverter Generator



Westinghouse iGen2200 Portable Inverter Generator (Reference: westinghouseoutdoorpower.com)

Pros & Cons

Pros

- An ultra-lightweight design

- Quiet
- Fuel-efficient
- A versatile product
- Clean energy

Cons

A complicated break-in procedure

Specifications

Wattage	2200 watts
Dimensions	19.8 x 11.4 x 17.9 inches
Item Weight	46 Pounds
Engine type	4 stroke
Voltage	120 volts

Westinghouse's iGen2200 generators are ideal for use in RVs because of their small size and power. In addition to weighing 46 pounds, it features a handle for carrying. THD (total harmonic distortion) on this inverter generator is less than 3%. With its low THD levels, it is a good choice for powering small, sensitive devices such as laptops and tablets. In addition, 2200 peak watts of power can power any essential home device (1800 watts running).

This generator is parallel-compatible if you need more power. With the use of an inverter parallel cord (purchase separately), it can be connected to another Westinghouse generator.

The fuel efficiency of this generator is also excellent. Compared to traditional generators, it's up to three times more efficient! You can expect the 1.2-gallon gas tank to last up to 12 hours.

Furthermore, it has a high-efficiency mode. You can activate this option to have the generator automatically adjust its power output (and fuel consumption) according to what is connected to any of four ports: two 120-volt 20-amp outlets and two USB ports.

Additionally, this inverter generator has excellent safety features. An automatic low-oil shutdown system, overload protection system, and spark arrestor are all built into this machine. Furthermore, it complies with **EPA**, **USFS**, and **CARB** regulations.

It is still quiet despite having all these features and a 79cc engine. With a sound level of 52 dBA, this generator is perfect for camping. A low-tone muffler keeps sounds under control on the Westinghouse iGen2200.

A three-year limited warranty covers service, labor, and parts for your Westinghouse. Customer service and support are also available nationwide.

Though it is a small generator, it puts out a lot of power. There is a complaint that “breaking in” the generator is more complicated than expected. Apart from that, this is a powerful, portable, and reliable generator that can be used for camping, as well as many other purposes.

2. Durostar DS4000S Portable Generator



Durostar DS4000S Portable Generator (Reference: duromaxpower.com)

Pros & Cons

Pros

- It has a large tank capacity and is powerful
- Compact size
- An informative power panel with a fuel gauge
- A low oil shut-off protects the engine
- Compatibility with a variety of outlets
- Definitely worth the money

Cons

- Heavy in weight
- There is a separate charge for wheels

- It would be better if the warranty was longer

Specifications

Wattage	4000 watts
Dimensions	24 x 17 x 17 inches
Item Weight	94 Pounds
Noise	60 dB
Voltage	120 volts

With its powerful Durostar DS4000S Portable Generator, you won't need to worry about running out of power. With a tank capacity of just under 4 gallons and 3300 watts of running power, you'll have all the juice you'll need on your next adventure.

In addition, we love its stylish power panel that features all the usual controls as well as an oil warning light, so you never run out of fuel. Moreover, the engine is protected against low oil levels by an automatic low-oil shut-off function. Also, it has various outlets, so you can connect it to your vehicle in the way that works best for you.

The ultra-durable frame adds weight to this generator – at 94 pounds, it isn't the easiest to move, and the wheels aren't included but can be purchased separately.

You won't regret having this beast around once you keep it in your RV because its compact dimensions mean it won't block your RV. Despite its power, it isn't particularly loud. However, it is not the quietest RV generator.

It's powerful, versatile, and comes with some thoughtful extras; surely it must be expensive? The answer is no. In addition to being durable and reliable, this little generator is also incredibly affordable (despite its short warranty of only one year).

3. WEN 56200i 2000-watt portable inverter generator



WEN 56200i 2000-watt portable inverter generator (Reference: wenproducts.com)

Pros & Cons

Pros

- An affordable price point
- Quiet
- Fuel-efficient and equipped with an economy mode
- Clean energy
- Versatile
- Small-sized
- Parallel-compatible
- Excellent safety features such as low-fuel shutoff and low-oil shutoff
- A panel that is easy to read

Cons

The height was taller than expected

Specifications

Wattage	1600 watts
Dimensions	18 x 11 x 18 inches
Item Weight	48 Pounds
Engine type	4 stroke
Runtime	6 hours
Voltage	120 volts

You can get the best RV generator at a lower price point when you choose the WEN 56200i 2000-watt portable inverter generator. Since it's well below the average dBA limit, it's ideal for campsites. Having a noise level of 51 dBA, it is considered to be quieter than window air conditioners.

There is no doubt that this generator is efficient. Weighing 48 pounds and equipped with a handle, it is easy to carry. A versatile array of electronics will be powered by clean energy with THD levels between 0.3% (at no load) and 1.2% (at full load). It has 2000 surge watts and 1600 running watts of power, making it one of the least powerful generators on the list. In case you need more power, it can be connected to a parallel cable.

The unit has several plug options, including two 120-volt 3-prong receptacles, a 12-volt receptacle, and a 5-volt USB port. The eco-mode feature allows the generator to adjust its fuel consumption based on the power output.

For the safety of the generator and any devices connected to it, the WEN 56200i also features overload protection, low-fuel shutoff, and low-oil shutoff. The inverter generator's display shows an indicator light for each of these protections.

Powered by gas, this generator has a fuel tank holding 1 gallon. CARB and EPA III compliance is guaranteed. With a 2-year warranty and a nationwide network hotline, you are covered if you encounter any problems. Although this generator is small, it is taller than expected, which is a complaint. WEN 56200i is a small and less expensive portable generator that is versatile and practical. It holds its own in the market.

4. Honda EU 3000i



Honda EU 3000i (Reference: powerequipment.honda.com)

Pros & Cons

Pros

- Exceptionally efficient
- Utilizes 3.4 gallons of fuel for up to 20 hours
- If necessary, it can run in parallel with other generators
- A pull-start backup is available as well as an electric ignition
- This camping generator is rated as one of the quietest on the market

Cons

- The package was heavier than expected
- Wheel carts are sold separately

Specifications

Wattage	3000 watts
Dimensions	24.5 x 14.9 x 19.3 inches
Item Weight	77.6 Pounds
Noise level	50 to 57 dBA

There isn't any surprise in this entry if you did any preliminary research before arriving at this item. For decades, Honda has manufactured extremely quiet, easy-to-operate generators. Whenever they are in stock, they are gone in a flash. Honda is a leading

manufacturer of generators, and this powerful generator is no different. This unit is capable of running a 13,500 BTU air conditioner and can still charge batteries when not in use.

A microprocessor regulates its output to provide power to your more sensitive electronics with 2800 rated watts. Neither your tablets nor cell phones will be blown out by this little beast. There are no reasons to be concerned about powering equipment. All independent reviews report that this unit is very quiet, even though Honda does not specify decibel levels on its website. During operation, the onboard muffler produces little more than a low buzz.

5. Champion Power Equipment 76533 Portable Generator



Champion Power Equipment 76533 Portable Generator (Reference: championpowerequipment.com)

Pros & Cons

Pros

- Gasoline and propane both provide powerful running outputs
- Easy starting with push-button and cold start technologies
- A surge protector is built-in to prevent overloading
- A 3-year warranty is included
- Monitoring voltage is possible with Intelligauge
- Handle and wheels can be folded for easy transportation

Cons

- Very heavy
- It would be better if it were a little quieter

Specifications

Wattage	3800 watts
Dimensions	26.3 x 24.8 x 22.9 inches
Item Weight	122 Pounds
Noise level	68 dBA
Voltage	120 volts

Are you having trouble deciding which fuel to use? In addition to running on both gas and propane, this generator even features a fuel selector switch so you can switch between your two fuel sources at your convenience. Our favorite feature of this RV generator is its electric start, which, along with Cold Start technology, ensures that you won't have any trouble getting it started even in frosty weather. It produces 3800 watts for gas and 3420 watts for propane.

The machine shuts off automatically if oil levels fall too low, and you can monitor power outputs and more with its 'intelligauge'. Also, it features an inbuilt surge protector, so you won't experience overloads, but if something along those lines does happen, you'll be covered by a 3-year warranty.

As far as portability is concerned, this RV generator is pretty heavy, but it includes a sturdy folding handle for ease of maneuvering as well as wheels for more convenient transportation. The generator could be a little quieter, but it's definitely not the loudest one we've seen.

The price of this generator falls within the average range, but it's an above-average generator!

6. Bluetti EB 240 Portable Power Station With Solar Panel

Portable & Foldable



Weight
14.3lbs



Bluetti EB 240 Portable Power Station with Solar Panel (Reference: [bluettipower.com](https://www.bluettipower.com))

Pros & Cons

Pros

- Noiseless, pollution-free
- Portability and compactness
- Charge and remaining power are monitored in real-time

Cons

- Solar alone takes a long time to charge
- Some owners find it difficult to adjust the angle of their solar panels
- Costly

Specifications

Wattage	1000 watts
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Dimensions	25 x 12 x 19 inches
Item Weight	57 Pounds
Voltage	110 volts

RV owners are increasingly trying to minimize air and noise pollution from power generation. Bluetti's EB 240 solar RV generator is capable of producing 2,400 wh. A two-piece solar panel captures the sun's rays to charge the generator, and the AC wall outlet also charges the generator. Each foldable solar panel weighs 14 pounds, and the generator itself weighs 57 pounds. There are eight outlets on the generator unit, including USB ports.

Any delicate electronics are protected from potential damage by its battery management system. Charge status, remaining power, errors, and more are displayed on an LCD screen in real-time. By switching off charging when the generator reaches full capacity and turning it off when it's not needed, standby waste is eliminated.

However, the owners report charging by solar alone takes up to 10 hours, and the solar panels aren't sufficiently adjustable to catch direct sunlight. There is also the issue of expense.

7. DuroMax XP4400E Generator



DuroMax XP4400E Generator (Reference: duromaxpower.com)

Pros & Cons

Pros

- Extremely high running power
- Fuel capacity is large
- An easy-to-maneuver design with wheels and a handle
- Low oil shut-off response and surge protection are included

Cons

- Quite heavy
- There are no USB ports

Specifications

Wattage	4400 watts
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Dimensions	24 x 17 x 17 inches
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Item Weight	100 Pounds
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Noise level	96 dBA
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Voltage	120 volts
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The DuroMax XP4400E Generator is a powerful generator offering 4400 watts of starting power and 3500 watts of running power, suitable for power-intensive tasks like air conditioning.

In addition to being extremely powerful, this RV generator holds 4 gallons of gasoline at once, so you can keep the power flowing. With low oil shut-off and surge protection, it keeps your engine and valuables safe.

A sturdy frame supports the entire item, so it won't break on you anytime soon. Although there are no USB outlets, it does have two household outlets and a twist-lock. Despite being so powerful, we were surprised to discover that it wasn't loud (though it's not super quiet).

While this RV generator has a large capacity and powerful engine, its downside is its weight of 100 lbs, making it heavier than some of the models we've examined. Nevertheless, you can move it around with ease thanks to the included wheel and handle, and its dimensions won't be a problem once inside your RV.

8. Generac GP3500iO Generator



Generac GP3500iO (Reference: generac.com)

Pros & Cons

Pros

- User-friendly, informative interface
- A low oil warning, an overload warning, and an LED that indicates the load is ready
- Additional power can be provided by connecting a second unit
- Numerous outlets for a variety of devices
- Sensitive devices are protected by True Power technology

Cons

- There are no wheels to make portability easier
- A decibel measurement is not available

Specifications

Wattage	3500 watts
Dimensions	19.7 x 16.5 x 16.4 inches
Item Weight	74.3 Pounds
Voltage	120 volts

The Generac GP3500iO Generator is one of the easiest generators to use. This unit has a super intuitive interface, a low oil warning, an overload warning, and a ready-to-load LED, as well as a USB port, a ground plug, and a twist-and-lock outlet. Due to True Power's technology, you won't have to worry about charging sensitive electronics such as phones or tablets.

It is a gasoline-powered generator, not a diesel generator. With 3000 watts of power, this RV generator is a tough machine. If you need more power, you can team it up with another unit to double your output. The fuel tank capacity is about 2.5 gallons, which is pretty average.

This machine has no wheels, but it's not the heaviest, so it's probably not a problem in terms of portability. While the manual and advertisement claim it is quiet, we are unable to find the decibels.

Considering the price and what you get, you're getting a good amount of power without a huge amount of weight and some nice electronic touches.

9. Yamaha EF 2000iSv2 2000-watt Portable Inverter



Yamaha EF 2000iSv2 2000-watt Portable Inverter (Reference: yamahagenerators.com)

Pros & Cons

Pros

- A compact design
- Powerful
- Quiet
- Fuel-efficient
- The runtime of 5 hours
- Easily readable fuel gauge
- Parallel compatibility
- Gasoline petcock

Cons

Issues related to warranties

Specifications

Wattage	3500 watts
Dimensions	19.7 x 16.5 x 16.4 inches
Item Weight	74.3 Pounds
Voltage	120 volts

With 2000-watt output, the Yamaha EF 2000iSv2 portable inverter packs a powerful punch. With its peak output of 2000 watts, it weighs only 44.1 pounds. It has a running output of 1600 watts. On a full gas tank, the unit will run for 10.5 hours at 25% of its output.

The unit is equipped with an inverter that produces smooth, clean energy using pulse-width modulation (PWM). Fuel efficiency is achieved through the use of smart throttle technology.

This machine is quiet. Quietness is improved by its built-in muffler. It measures in at 51.5 decibels at a quarter of its output.

From a cosmetic standpoint, this generator resembles an old radio. The handle makes it easy to carry. On the side, there is an easy-to-read fuel gauge, so you'll always know when you need to fill up. Additionally, the generator is equipped with a gasoline petcock. As a result, stale gas is prevented, and the unit is ready to be stored.

Parallel compatibility allows this unit to provide more power if needed. There is no twin tech cable included with this feature.

For warming up the engine, Yamaha EF 2000iSv2 is equipped with a built-in auto-compression mechanism. The unit gets up and running right away with this feature because it reduces the compression.

In spite of its unassuming appearance, this unit is extremely powerful and portable. There isn't much to complain about with the actual unit. Fantastic work!

Conclusion

We hope our article will help you find the best RV generator. Once buyers have learned what they need to know, the right choice will become apparent. In this way, they can enjoy all the benefits that these devices can offer rig owners.

There are times, however, when these processes don't go as smoothly as we expect. You might encounter problems or concerns when browsing for a great option. Please feel free to contact us with any questions you may have, and we will get back to you as soon as possible. Many thanks for reading!