YOUR GUIDE TO CHOOSING THE RIGHT GENERATOR

...How to avoid the costly mistakes others have made:
It doesn’t matter if you’re an avid camper who spends every weekend in the
great outdoors... A tradesman who uses a wide range of power tools on the job
site, or a concerned home owner who never wants to be left in the dark...

This report will help you avoid the costly mistakes others have made when
buying a portable generator. Get it right the first time – choose the right
generator!

We’ve had years of experience as outdoor and adventure enthusiasts and have
been lucky enough to experience some beautiful remote area locations
Australia-wide. So, over the years we’ve formed a strong familiarity with
portable generators used for camping, caravanning and 4WD expeditions.

As well as using generators for outback holiday adventures, we’ve also needed
them for; home renovations, farming jobs and mobile business uses.
Unfortunately from the outset, like most people we weren't so lucky…

We would have saved lots of time, money and heartache if we had read the
information in this report first before buying a generator.

Luckily for you, the critical information you should know before you buy a
generator is contained in these pages. After all, you might be;
- A camper who likes to holiday in remote locations: You’ll need to make sure your generator can reliably power your sensitive equipment and recharge your battery pack.

- Enjoy taking your family on a caravan holiday - You’ll need to ensure your generator has enough power to run the air-conditioning unit. You may also want to know that should you encounter a problem with your generator whilst on the road, that there are accredited service agents nearby.

- A tradesman that requires reliable portable power when working on unpowered construction sites. It’s important to get the right generator which has enough power to support your power tools... Otherwise, lack of power may cause delays, meaning loss of income. You might also need additional safety features on your generator in order to comply with WorkCover requirements.
- A homeowner in a ‘storm prone’ area that experiences blackouts on a regular basis… or living in a more remote location where a power reserve is vital. You need the right generator: a generator that’s easy to use, reliable and big enough to provide backup power when you need it most.

…Whatever your case, the following information will ensure you make the right choice…

**So, it’s time to discover…The key factors to consider when selecting your Generator:**

1. **Type of Generator: what will it be used for?**

2. **How much power do you need?**

3. **What is your budget and how frequently will you use your generator?**

4. **What are the other important considerations?**
1. Type of Generator: what will it be used for?

A critical part of choosing the right generator comes down to the ‘power output quality’... getting it wrong could result in damage or destruction to your appliances. So, for this we need to look at the different types of voltage control.

There are several different ways to regulate the voltage on a generator, the three most common being:

CONVENTIONAL

Conventional, condenser-type voltage control generators are popular, low cost, low maintenance machines that are very common in Australia. However, they have the least consistent voltage control. Conventional generators do not respond to changing load requirements, either producing low power or high power. These generators are commonly used for trade applications. E.g. power tools, lights and/or pumps.

AVR (Automatic Voltage Regulator)

Some generators feature an Automatic Voltage Regulator (AVR), which provides a steadier voltage control. The AVR keeps the output voltage more constant, irrespective of the load. This means no spikes or brownouts and enables operation of more sensitive equipment. Look for this feature under the description of the generator. Many models will also show the voltage regulation under the Specifications Tab.
These generators are commonly used in for domestic power back-up and business applications.

INVERTER

Inverter voltage regulation produces the purest power of all. The control system maintains an extremely high accuracy level of voltage. These units are ideal for sensitive electronics, such as computers and are a common type of generator for recreational uses (e.g. camping and caravanning) and small domestic appliances. Inverter generators offer a number of other benefits including: lower weight, more compact, much quieter and greater fuel efficiency when compared to traditional conventional models.

In summary, different types of generators produce different voltage fluctuations in their power output. So, if you intend to run sensitive electronic equipment, it is recommended you consider generators that provide more regulated voltage (AVR and Inverter units)…you don’t want to ruin your valuable equipment or appliances by making the wrong generator selection. Similarly, if you are intending to operate equipment such as larger power tools or machinery that requires heavier, inductive power loads, then it is recommended you use a conventional generator which is designed to handle these continuous demands.
2. How much power do you need?

It’s so easy to do... You walk into the shop knowing that you need a generator. You’ve got some tools or appliances you need to power.

Among the various models available you see a description on a generator that says ‘1000 Watt Portable Generator’ and you think to yourself... ‘That sounds like a fair amount; all I need to power up is some small hand tools on the worksite’.

Even the description on the Generator says ‘Great for Small Tools or Appliances’.

You look at the price, think it’s reasonable - so you purchase it. But oh what a mistake you have made... You go to work, plug the tools in and they don’t start.

Why?

The first thing you need to do when buying a Portable Generator is determine the amount of power required to not only run the appliances you wish to use, but also the power required to start them. For many appliances, the starting output requirement can be up to five times (or more) greater than the continuous running power needed.

For example, an Electric Drill might need 900W starting Power, but it only requires 600W to keep it running (this information can be found in the appliance user manual).
It’s important you know the wattage requirements of the appliances you intend to run off the generator.

What you need to do is;

1. Make a list of all the appliances you intend to run off the generator at any one time.
2. Determine how much power is required to start each appliance. It’s the starting power that’s important, not the running power.
3. Decide which appliances you will be running at the same time. Add up all the ‘Running Watts’ amounts for these. Once you’ve got an amount, determine which one of your appliances has the highest ‘Starting Power’. Add that amount to the total.

i.e. Three appliances with a total running power of 920W:

<table>
<thead>
<tr>
<th></th>
<th>Running Power</th>
<th>Starting Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camping Fridge</td>
<td>180W</td>
<td>600W</td>
</tr>
<tr>
<td>Toaster</td>
<td>500W</td>
<td>500W</td>
</tr>
<tr>
<td>TV</td>
<td>200W</td>
<td>200W</td>
</tr>
<tr>
<td>Potable Fan</td>
<td>40W</td>
<td>120W</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>920W</strong></td>
<td></td>
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These are wattages taken from particular appliances, remember to check the data plate or manual on your appliances for exact wattage.

So, the appliance with the highest starting wattage is the camping fridge, requiring 600W. Now add the total running power of all the appliances:

\[600W + 920W = 1520W\]

From this calculation you know that you need a Generator with 1520W of power or more to run these appliances together. It’s advisable to have a Generator with slightly more power than you need as it’s better to be safe than sorry (Rule of thumb: allow for an additional 20%).

If you don’t have a Generator with the right amount of power, you won’t be able to start or run those appliances when you need them most. Take a few minutes and do the calculations so you know what size generator you need. If you can’t find the user manual for you appliance, you should be able to find out the information online.
3. What is your budget and how frequently will you use your generator?

In today’s marketplace, there is such a wide range of products available to cater for to different needs and budgets… However, there are some important factors to consider when shopping at the Budget, Mid-Range or Premium-End of the price range:

PREMIUM GENERATOR RANGE

Products that demand a higher price are typically built to a higher standard. Products in this category include the well-known fully imported brands: Yamaha and Subaru which are manufactured in Japan.

Also in this category are local manufactured brands like Crommelins Machinery and Advanced Power. These generators are powered by imported Honda, Subaru, Kohler and Vanguard engines. These dependable, Australian manufactured products are built and tested specifically for Australian conditions and have been supplied to the Hire Industry for decades.

These Australian manufacturer’s provide a minimum 2+ year warranty. One of the biggest benefits to purchasing a Yamaha, Subaru, Crommelins or Advanced Power generator is that their machines come backed with an Australia-wide group of accredited service agents who can look after any warranty or service issues that may arise.

Generators in this category are considered to be of high quality and are recommended for customers who intend to place heavier more frequent workloads on their generator.
MID-RANGE GENERATORS

These generators are manufactured by brands such as Hyundai. Hyundai Generators are assembled in China with components sourced from South Korea, Europe and China. These generators come with a limited two year warranty, are backed by a national service network and are part of the highly successful Hyundai global business.

This category is popular with customers who want a generator backed by a recognised global brand and who intend to use the generator on an infrequent basis. Hyundai generators have the benefit of a national service network and are a good choice for customers that are price sensitive.

BUDGET GENERATOR RANGE:

There have been vast improvements in Chinese manufacturing standards in recent years. Brands like Lectron and Bush Power which are manufactured in China and fully imported by Australian distributors.

Once upon a time, most generators from China were poorly manufactured and the units often experienced engine failures and the like…but thanks to improved quality control and strengthening manufacturing standards those days are now gone.

Our service technicians have undertaken quality control checks on the brands we carry, and we can confidently say that these units offer terrific value for money, providing all the specifications and benefits of the higher priced products, at a fraction of the cost. Even some of the premium brands are now using parts manufactured in China and South-East Asia.

So why is there such a price difference between the Premium and Budget ranges? …well, the Japanese and Australian manufactured brands have been
around for a long time, are known for high quality and have earned a strong reputation over decades. The higher quality standards mean these manufacturers back their products with longer, more comprehensive warranties of 2 - 4 years. Products in the Budget and Mid-Range Categories offer shorter warranties of 1-2 years…

Be aware that generators in the Budget Range come backed with a ‘No Questions Asked 30 Day Money Back Guarantee’, for added peace of mind. We encourage you to check out the Warranty and Money Back Guarantee details on individual product pages throughout our site for more information.

The final point of difference between manufacturers is the number and location of accredited servicing outlets; the Higher Priced Generators tend to come with an Australia-wide service network, whereas the Budget Brands do not.

Selected Chinese manufactured brands such as Lectron offer terrific value for money

Lectron and Bush Power do have service and warranty facilities located in Australia. These services are available from their company headquarters based in Sydney. This means that should a problem arise with one of their generators, you may need to return the generator to Sydney for inspection and/or repair.

Overall, based on our own experiences and customer feedback, we recommend that if you’re shopping for a generator on a limited budget, the Budget Generator Range offers great ‘value for money’ options that will serve your portable power requirements extremely well…
We’ve sold hundreds of generators in the Budget Range to extremely happy customers needing portable power for all kinds of applications. Be they; camping/caravanning trips, DIY and trade projects, domestic back-up power solutions or mobile businesses…

Our Budget Generator Range has proven extremely popular with campers

Check out our customer testimonials, as well as the product reviews on the individual product pages. The Budget Range of generators presents a very compelling solution for those on a limited budget - where depending on the size of the unit, you could save several thousands of dollars when compared to the ‘Top End’ alternatives.

…On the other hand, if it is particularly important that your generator has a longer warranty and/or an accredited service technician nearby, then perhaps it is more fitting that you choose a well-known Japanese or Australian generator brand. We find that the customers who intend to place frequent, heavier demands on their generator, prefer a unit that is built to a higher standard, with longer warranty (2- 4 years), nationwide service network and a strong brand-name reputation. They can justify the extra spend due to high frequency of use. It’s no wonder that these brands are the preferred suppliers to the Australian Hire Industry, recognition of their long life and performance under intensive work loads.
So whatever your preference, it’s good to know that My Generator has you covered; with an extensive product range of high quality generators to suit all budgets and applications. For specifics relating to the level of warranty and other offerings such as money back guarantees, you can visit individual product pages at www.mygenerator.com.au

…and don’t forget! – You can also call us on 1300 400 122 and we’ll be happy to answer your questions and help you with your decision… we have an expert team here at My Generator, with highly qualified, technical generator experts available to provide you the best advice. The team is dedicated to offering our customers quality generators at the lowest possible prices; it’s all about you and your portable power needs!

4. What are the other important considerations when buying a Generator?

Read on…there are some finer additional important features you need to be sure to consider when buying your generator:

• Noise level…Check the decibel levels and ensure the generator muffler is good quality so that it doesn’t sound like a V8 engine – this is especially important for recreational applications like caravanning/camping.

★★Inverter generators are the quietest on the market, making them the first choice for recreation use. Their quiet operation also makes them popular for home use, but keep in mind the inverter technology makes them cost more than most other portable generators★★.

• Fuel tank capacity and litres per hour of usage… You want a generator that is fuel efficient, but also one that holds a decent amount of fuel. Inverter generators adjust their engine speed (RPM) based on the load demand for greater fuel efficiency. Both fuel efficiency and fuel tank size will affect the run time. You can find the generator run time under the ‘Specifications Tab’ on individual product pages.
• Recreational users may at times need to charge a flat car battery, so a 12 volt DC battery outlet can be important. Having a generator with this feature can get you out of trouble when in a remote locations.

• Electric remote start…this helps in situations where you don’t want to walk all the way out of your caravan to turn on your generator.

• Finally, for the more trade specific and industry related applications, there are additional points for consideration such as compliance with WorkCover requirements. These aspects include such things as; earth leakage switches, weatherproof outlets, earth spikes and circuit breakers.

For WorkCover approved generators and other specification options to meet your industry standards please visit the Tradesman range at http://www.mygenerator.com.au/tradesman.html

So there you have it... Those are the essential factors you must consider when selecting your Generator. Follow the above advice and apply it to your specific portable power circumstances, and then you are ready to buy your portable generator!

And why shop with us?...
WE ONLY SELL QUALITY GENERATORS:

From our low-cost Budget Range right through to the Premium Top-End branded products, our qualified service technicians have tested the entire range and we stand by the quality and performance of each unit.

1. WARRANTY AND SERVICE ON ALL PRODUCTS:

All of our generators come backed by a manufacturer’s warranty, ranging from 1 to 4 years, depending on the brand. Should any warranty issue arise, the generators at mygenerator.com.au have an accredited service agent with spare parts and service back up located in Australia to resolve the problem. Furthermore, many of our suppliers offer 30 day money back guarantees which offers added peace of mind (more information is available within individual product pages throughout the site).

2. CUSTOMER SERVICES:

We offer Online Live Chat and Phone Support: 1300 400 122 for all your questions. Also check out:

- And the My Generator blog http://www.blog.mygenerator.com.au

We offer nationwide delivery on our entire range (including free delivery on most items!), as well pick up options from conveniently located depots all over the country! You can easily choose either option during the checkout process and your product will be delivered to your door, or to your local depot for collection.
3. YOU’LL SAVE $$$ WITH MY GENERATOR

We guarantee to have the lowest prices on our product range. We are able to make this guarantee largely because our business is online, and therefore our overheads are very low. This allows us to keep the price on our products as low as possible and in turn, enables us to offer you our Price Match Guarantee, check it out at: http://www.mygenerator.com.au/price-match-guarantee

...So, what are you waiting for? If you’re looking for a high quality generator at the right price... Then look no further than My Generator for all of your portable generator needs!

Simply visit www.mygenerator.com.au and get the power you need today!

Alternatively you can send us an email at admin@mygenerator.com.au or call 1300 400 122 and we’ll be happy to answer all of your questions.

It’s time to get the right power in your life...

We look forward to seeing you at our site in the near future.

Regards,

Lachlan & Sean

www.mygenerator.com.au