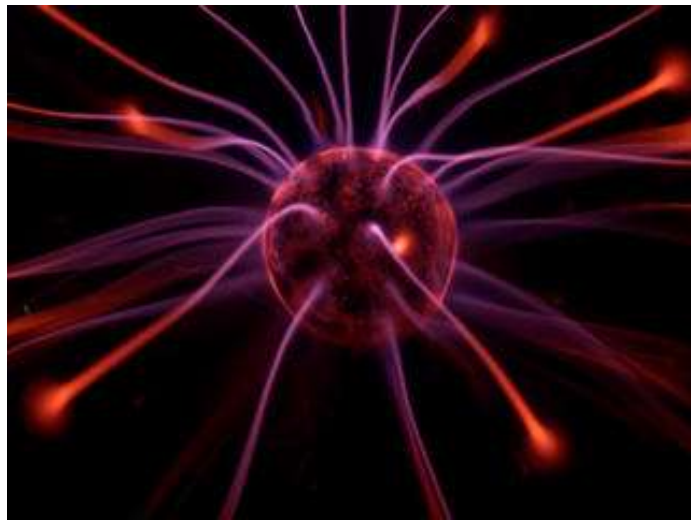


# THE POWER OF YOUR GENERATOR

*Get to know how powerful your back up energy is and  
learn how to maximize your home energy*



# HOW WELL DO YOU KNOW YOUR GENERATOR?



Back up power is important not only in business establishments but also in homes. This is especially so if people are experiencing man-made or natural calamities and have no way of preventing power shortage.



During these unfortunate times, people need a source of energy to power up appliances or furniture that is important in running their household. Examples of these are heaters to warm the home in winter times, air conditioning for summer times and of course, oven and other cooking appliances for food support.

Generators are important because people have no way of determining how long the power will be down. If you want to make sure that your home will remain in a

good and stable condition, you should have back up energy in order and ready to use at any time.

## ***What are the two types of back up generators?***

### ***1. Portable generators.***

This is the most economical generator that is capable of supplying back up energy. Portable generators are the most commonly used in homes or household. Appliances that needed power supply are plugged



directly into this generator. This is done using wires and other cords that are applicable to the appliances.

Many of these type of generator already has advance features like the stop or start button which people can use to be able to save up on the energy they might be needing for some time.

Portable generators also have different types depending on the volt specification that you are using in your home. You will be able to choose from 120 up to 240 volts capability.



One of the widely used portable generators is the one that is gasoline-powered. People choose this type of generator because it costs less compared to the other type. There are even those that run on diesel or a

combination of both.

One of the downside to this is that it cannot be used for longer time. People need to refill and refuel this generator often to be able to extend its power support. In addition, diesel powered generators are much more

expensive. Although it is more efficient and with supplies that are easy to find, you may find it hard to start in cold seasons.

## *2. Permanent generators.*

Permanent generators are programmed to be turned on automatically within the specified time



after power loss. These generators are connected to the wiring system inside the house. This is why it will start on its own whether there is nobody present in the house during black out. It also has the capacity to shut down on its own once power is restored.

This type of generator is powered by natural gases. The kind of gas that you are using to power some of the



appliances at your home can also be used to power this generator.

The choice of permanent generator will depend upon how the homeowners plan to use it.

If you need to power up more than the required appliances, then you can opt for permanent generators that have more than 17,000 watts capability.

These types tend to be more expensive than portable generators. But with all its capacity, the initial money spent will be worth it once you see the kind of back up energy it will provide when you need it the most.



## *Are generators hazardous?*

Portable generators are more hazardous than permanent generators. This is because they are making use of gasoline and diesel and is more capable of burning up when overheated.



This kind of generator is like your car. They tend to overheat when used extremely for a long period of time. This is why you need to check regularly and rest it for a while to prevent any damage to you, to the generator and the appliances that it is powering.

Poisoning is also another hazard caused by portable generators. Since it is running on gas, carbon monoxide is being released into the air. According to studies, many



people die of carbon monoxide poisoning. One of the reasons for this is that they are not aware that they are inhaling carbon monoxide.

To prevent this from happening, the generator should be placed in locations where it is properly ventilated. Consider placing them outside your home where there are no chances of people to be suffocated from the carbon monoxide it gives off.

Consider these things when you are in the process of buying a back up power for your home. Together with the necessary power



supply is the need to make sure that you will encounter no health problems when you are using them already.

# MAXIMIZING THE USE OF YOUR HOME ENERGY

With the technological advancements we have today, it is hard to resist the temptation of having each electronic device available on the market. And why not grab the latest if you can afford it? However, with the



increasing fuel cost and electric rate, there are things that need to be done. You may simply grab the latest plasma television or the most advanced heating system today but the thing is, you have to pay the price not only on these items but the electricity that they will consume. And chances are, if you have all the high tech stuffs at home, your electric bill does not come cheap.

So, as was mentioned earlier, something must be done in order to make sure that you are getting the most out of what you are paying each month energy. And the

very first place to do some changes is right at your very home.

A typical household would spend about \$1600 per year on electric consumption. You might fall under this figure. This is big enough right? But this is not the end of the story. Don't you know that a big portion of what you are paying for electric bill is never been used? Let us put



it in other words: Energy is wasted month after month right at your very home. Thus, you are spending on

something that you never even use.

To make up for this, here are the changes you can do in order to get the most out of every cent you pay for your electric bill:



Turn off unnecessary devices. If you are not watching your television, never leave it on. This also goes with your stereo. Learn how to turn them off if you don't need them. Turn off the lights if you are leaving the room as well. Also switch off the air conditioning system if you don't plan to return for a while. If you don't use the computer monitor, turn them off. Like the television, it consumes electricity when you are not using it.

Keep the sockets free. Unplug all your chargers. Yes, they consume small electric current but if you leave them plugged in day in and day out for months, you will feel their effects on your electric bills. Remember that these little things, when pile up can be big.

If you plan to leave the house, never let the heating system run at the temperature as if you are at home.



Keep them low; better yet, turn it off. You are not using them anyway. Heating system consumes a large portion of your electric bill so you might as well do some necessary changes with them. If for instance you do not want to enter cold home, you can set up remote control

heating system or a programmable heating system. In this way, you do not have to leave the heating system running all day. All you have to do is to set the time when you want your heating system to work and you will save a lot of money.

During the day, use the sun to warm up the house. The sun is free so open your drapes and windows and let your heating system rest for a while. Close the windows and drapes at night.

Instead of incandescent lights, use fluorescent. They produce more light but consume less electricity.

If you don't want to turn the lights on and off every time you go in and out of the room, you might want to get some timers, dimmers and motion sensors to do the job for you. They are worth investing for.



Refrain from using hot water when washing your clothes. Also, it will give you much savings if you prefer washing on full loads. On your dishwasher, make sure you also full load them. If there are few clothes or dishes to wash, prefer using your hands. Air-dry them so that you do not consume more electricity.



Doing these things doesn't mean you deprive yourself from freely using the electricity you need. It only means that you are wisely spending every cent you pay for electric bills.



For more information on wind generators, and to view the entire range of Marine Wind Generator's featured products and accessories, please visit <http://marinewindgenerator.org/>.