

VSP 14KW Renewable Energy Generator

What is the VSP Renewable Energy Generator? The answer is simple, it is a generator that runs on batteries and is recharged through renewable energy. For those who are not familiar with renewable energy, it is energy from a source that is not depleted when used, such as wind and solar.

Our generators are easy to install, easy to use and simple to maneuver - wait simple to maneuver? Yes that is correct, our generators are both portable as well as home stand by. The units have an automatic drive system which allows the generator to go forward and reverse with the touch of a button, and with our easy plug and play design you simply drive the generator to where you need power and plug it in.

The VSP 14KW Vs. gas/diesel 14KW Generator

Renewable energy vs non-renewable

Definition of gasoline: refined petroleum used as fuel for internal combustion engines.

Definition of fuel: materials such as coal, gas, or oil that is burned to produce heat and power.

From a family orientated perspective, based on those definitions no individual should feel comfortable having a gas product which produces harmful fumes be exposed to them from the generator. Examples of whats being affected by gas generators.. children, animals, environment and our communities as well as ourselves. Gas and diesel powered generators are unsafe, unreliable and require constant maintenance, as well as they are a never ending expense due to the fact that they are gas or diesel powered and require fuel.

VSP 14KW Renewable Energy Generator

The design team and owner of the company truly outdid themselves with this generation of our generators, they are a 5 way multi purpose unit...Meaning that they can be used as,

1. **An uninterrupted power source:** The VSP 14KW generator will provide instantaneous power when the grid goes down using a guaranteed source of clean pure sine wave uninterrupted power with built in spike protection.

Example:

Say the homeowner is going away and is afraid the basement might flood due to recent weather thats been going on, one would simply plug the generator into the sump pump to guarantee that if the grid fails, the sump pump will not get backed up and flood the basement. From there one would then connect the generator to the built in solar array or a solar panel and thats all it

takes!! While away from the house check ups on the generator are done by using its very convenient and easy to use remote monitoring system accessible by cellular and wireless internet. Using the monitoring system you can view voltage input and output as well as see how much voltage is going into the generator from its solar charging kit or windmill charging kit.

- 2. Portable Generator:** The VSP 14KW generator is 100% portable and has a auto drive system allowing the unit to propel under its own power with just the push of a button.

Example:

Using the generator for power tools in the shop... All of a sudden the grid fails and power is meant within the house, one would simply drive the generator over to the home with the use of the buttons which control forward and reverse motion. Then plug it into the solar kit or windmill and use renewable energy to power your home.

- 3. Back up residential generator:** The VSP 14KW generator can also be used as a home back up system as it can be connected directly to the homes electrical panel.

How does this work?:

A gas or diesel generator will get about 10 hours of power on \$40.00 in fuel. The VSP generator will give that same amount of power but for the low cost of \$2-3.00 on the next power bill. The entire house can then run and hold load on the VSP 14KW all while charging it at the same time.

- 4. Renewable Energy Power Station:** This generator can also be used as a renewable energy power supply.

How does this work?:

The VSP 14KW generator can be connected to both solar PV panels and small wind turbines. This is a perfect solution for locations without a grid source of electricity, such as remote areas, developing countries, portable hospitals, remote offices or for military camps on foreign soil.

- 5. Control centre:** In situations where a home is both connected to the grid and has renewable energy, whether it is an existing rooftop solar array or a wind turbine the VSP generator allows the homeowner to choose if they want to sell their power or use the power leaving them in charge and with the option to use the grid power as back up.

Most importantly by having the VSP generator individuals can now use the existing solar array or wind turbine when the grid shuts down. Before our units when a storm would hit, everyone who had a solar array installed couldn't access the power they were making. The VSP 14KW unit is the bridge connecting the two together, and with the flip of a switch...how much simpler could it get?
