

NEWFOUND ENERGIES
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SYSTEM ADD-ONS

Please note that component pricing contained within these pages are subject to change at any time. The pricing below is reflective of current sale prices on certain items.

Any of our listed fully functional as they are listed. However we suggest the following add on components to diversify and/or to make your system user friendly enjoyable and more dependable:

Batteries

After some time, you may realize that your renewable energy system was a great purchase, but you may have outgrown your battery storage bank. In a 12 volt system, you must add 6 volt deep cycle batteries 2 at a time. In a 24 volt system, you must add these batteries 4 at a time. It is best to add batteries to your system within 1-2 years of purchase of the original battery bank.

6 volt, 232 amp hour deep cycle batteries - \$169 each + HST

6 volt, 420 amp hour deep cycle batteries - \$325 each + HST

Cabling for the above will vary based on system configuration. Please call for details.

Solar Modules

If you invest in a renewable energy system and you find that one day you wish it was a little larger in capacity, there is no need to worry. Our systems are designed to be modular, meaning that with little modification, you can add on to it rather than having to replace your existing system with a bigger one.

85 watt solar modules c/w wiring and basic aluminum mounting brackets - \$430 + HST*

125 watt solar modules c/w wiring and basic aluminum mounting brackets - \$580 + HST*

180 watt solar modules c/w wiring and basic aluminum mounting brackets - \$730 + HST*

*Custom mounting brackets are available at an additional charge.

Pricing on other sizes of solar modules are available upon request.

Automatic Transfer Switch

This device allows for easy integration and connection of a gas or diesel generator to your renewable energy system. During periods of poor sun/wind conditions or over usage of the battery bank, it may be desirable to start a generator to take stress off of your battery bank or to power heavier loads. It is as simple as starting the generator, and the automatic transfer switch does the rest!

The 30 amp automatic transfer switch is suitable for most off-grid systems. In some cases you may require a 50 amp model. Also the 50 amp model is required for 240 volt applications.

30 amp automatic transfer switch - \$150 + HST

50 amp automatic transfer switch - \$300 + HST

3 Stage Battery Charger

A 3 stage battery charger will charge your renewable energy system battery bank if you have depleted it. These are powered by a gas or diesel generator and consume between 750 and 1000 watts during operation. 3 stage charging conditions your battery and healthily brings it back to a full state of charge.

Many people use the 3 stage charger as well as the transfer switch. By doing so, you can charge your batteries and feed your loads with the generator, allowing the batteries to charge without drawing power from them at the same time.

12 volt, 55 amp 3 stage battery charger - \$325 + HST

24 volt, 27.5 amp 3 stage battery charger - \$350 + HST

There are other models available. Call for details.

120 – 240 VAC Transformer

If you have been using a generator for your power requirements, you may have some devices which require 240 volt power. All of the inverters listed in our kits supply only 120 volts. In this case, a 120 – 240 volt transformer can be added so that you will not need to replace items such as your water pump due to unavailability of 240 volt power.

120 - 240 VAC transformer - \$750 + HST

Remote/Automatic Generator Start Modules

Sometimes there is a requirement that power must always be available. Of course your renewable energy system is limited to the size of your battery bank. If you were at the location, you might find it simple enough to start the generator yourself to power your load and/or charge your batteries. In some cases, one would like this to happen at the flick of a switch from inside your cabin. Others might want this to happen automatically whether you are there or not. In any case, the addition of a remote/automatic generator start module will take care of it for you.

Pricing varies on generator start modules because there are many different types of generators and generator starters. Please contact us for more details and for pricing based on your existing or future generator.