How does GenerLink™ work?

GenerLink™ is a five-inch device that is installed behind your electric meter by your local utility or licensed electrical contractor. When you connect a portable generator to GenerLink™ and start it up, GenerLink™ automatically disconnects your house from the electric utility grid preventing the possibility of back feed, which can damage equipment and harm utility personnel.

Because GenerLink™ is designed and rated to connect directly to a standard household electric service of 200 amps or less, all you have to do to operate a critical appliance is flip a breaker on in the household breaker panel once the generator is connected and operating. GenerLink™ eliminates the hassles of running multiple extension cords or hiring an electrician to install an expensive transfer switch and sub-panel that limits the number of appliances you can operate.

1. GenerLink™ is an innovative solution for using a portable generator easily, safely and affordably.

2. During a power outage with GenerLink™ simply turn off the breakers in your home's circuit panel.

3. Plug in your Generator...

4. Start it up ...

5. And select the applicances you want to power through your home's circuit panel. The combination of appliances can be changed at any time.

6. Your household is up and running during a power blackout.

Contact Info. 709-466-5411 www.solarwindsenergy.com

How To Size?

The wattages presented in this table are estimates. The actual wattage required for your appliances can be calculated. Remember that 1kW = 1000 watts, 2kW = 2000 watts, etc.

Running Watts = Volts x Amps

Rule of thumb: allow 2kW / Horse Power for appliances with motors. Some motors can require up to 3 times the running wattage to start.

Always use starting wattage when calculating electrical load requirements for your generator. Select the appliances you want to operate and add the starting wattages together to determine if they can all be operated at the same time without exceeding the limits of your generator. Remember that circuit breakers usually control more than one appliance.

Equipment	Starting Factor	Avg. Running Wattage
Water Heater (50 gallon)	1	4500-5000
Portable Heater with fan	2	500-1500
Fan (Central) - 1/4 HP	3	400
-1/3 HP	3	450
-1/2 HP	3	600
Computer	1	200
Fax Machine	1	50-1000
Space Heater	1	500-1500
Refrigerator / Freezer	3	750
Home Security System	1	200
Lights	1	40-150
Range w/Oven	1	12200
- Small Burner	1	1300
- Large Burner	1	2400
Garage Door Opener - 1/3 HP	2	750
- 1/2 HP	2	1050
Well Pump - 1/3 HP	2	750
-1/2 HP	2	1000
-3/4 HP	2	1500
Submersible Sump Pump - 1/2 HP	2	1000
Dishwasher w/o hot water	2	1200
Television	1	150-400
Radio	1	70-200
Microwave	1	600-1500
Coffee maker	1	750-1200
Toaster	1	1100
Hair Dryer	2	600-1400
Washing Machine w/o Hot Water	2	1000
Clothes Dryer	2	4850
Air Cleaner	2	50
Dehumidifier	2	840
Humidifier	1	177
Vacuum Cleaner	1	800

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