

ENERGY +™

High-tech super intelligent digital energy saving device

- Reduce electricity bill up to 30%
- Improve power factor & electrical efficiency
- Stabilize the incoming voltage
- Plug and Saved - No wiring required
- Environmentally friendly
- Fully compliant with safety standards
- Rapid return on investment



How does the Energy + unit work?

The **Energy +** reduces the amount of power drawn from the utility by storing (in its patented ultra high speed capacitors) otherwise lost and wasted electricity (watts) caused by the inductive motors in your home. (Some examples of inductive motors are air conditioning units, refrigerators, freezers, washers, dryers, dishwashers, pool pumps, vacuum cleaners, furnace blower motors, fans etc.)

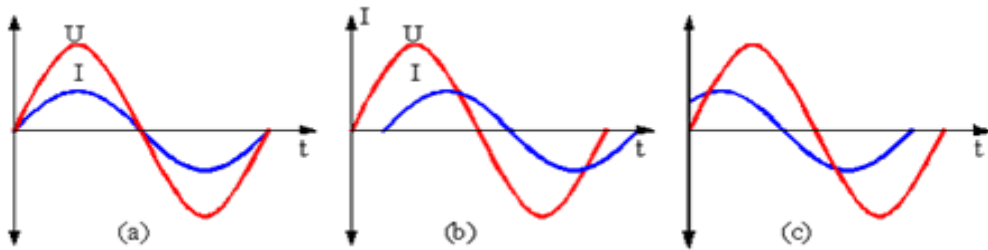
The technology applied by the **Energy +** unit supplies that stored electricity back to your inductive loads, thus causing you to decrease your demand from the utility. If you decrease your demand from the utility, your meter slows down, and you use less electricity.

The thought is, you've already paid for that electricity, why pay for it and waste it when you can pay for it, store it, and reuse it again. This whole process is called power factor optimization. Think of this as simply recycling wasted electricity, power you paid for and then were sending to the ground – a waste of electricity, a waste of fossil fuels, a waste of money – YOUR money!

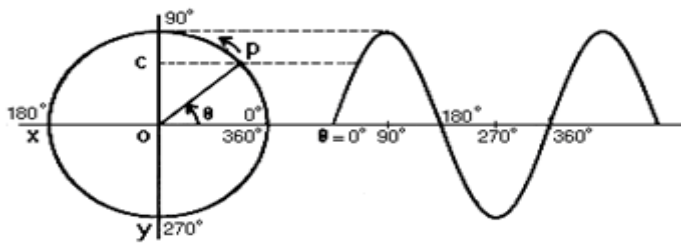
Energy +

What is Power Factor?

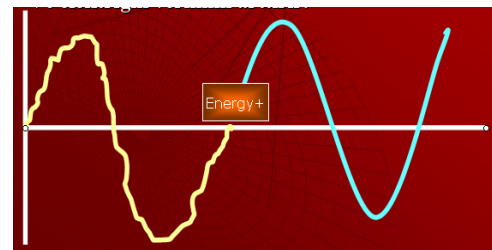
Power factor is the percentage of electricity that's delivered to your house and used effectively, compared to what is wasted. For example, a 1.0 power factor means that all the electricity that's being delivered to your home is being used effectively for its purpose. However, most homes today have a .77 power factor or less. This means that 77% of the electricity that is coming thru your meter at your home or business is being used effectively; the other 23% is being wasted by your inductive load. With a low power factor, the utility has to deliver more electricity to do the same work. However, the energy+ increases that power factor in many cases to .95 to .98, thus increasing the effective use of your electricity and lowering your usage. You become a better steward of our natural resources.



a- resistive power b- inductive power c- capacitive power



Used power



Before

After

Does the Energy + work in any home?

Yes it does, as long as you have a circuit breaker panel with breaker switches and not the old screw in type fuses, the unit will work on any single-phase electric application for homes.

Will the Energy + affect any of my appliances and their normal use?

No, if anything, your motors will run about 10% cooler, which is good for a motor because heat is the enemy of a motor. The useful life of your appliances may actually extend.

Energy +

How much can I expect to save per month by using the Energy +?

That depends on many factors. The size of your home, the amount of inductive motor load, and the amount you are paying per kilowatt-hour for electricity etc. However, generally speaking users of the product have seen up to 30% in reduced consumption, but the average savings is somewhere in the 5% to 30% range

How long will it take for the Energy + to pay for itself?

Generally about 6-12 months, but again, the same factors above apply, some will see sooner (4-6 months), some will see the latter (12 months).

How long will the Energy + last?

It has a predicted lifespan of up to 8 years or more.

Is the Energy + unit Warranted?

Yes, 2 year Manufacturers Warranty for full replacement. See our website for full details

What other benefits of Energy + will I realize?

You will become a better steward of our country's natural resources. By reducing the amount of electricity WASTED in your home, you will help us reduce the depletion of fossil fuels. You will help us reduce the amount of air pollution generated at fossil fuel power plants.

What about a money back guarantee?

SENERTEK ENERGY INC offers money back guarantees. There is a 60-day no questions asked money back guarantee.

Will the Energy + work internationally on 240volts and/or 50 Htz?

The **Energy +** will work internationally on both 110/240ac - 50/60 Htz electric systems.

Will the Energy + work as a surge protector?

The **Energy +** will not act as a surge protector. It corrects parasitic spikes and surges on the electrical line but not high surges.

Should I plug the Energy + into a surge protector?

The **Energy +** needs to condition the electrical line and so plugging the **Energy +** into a surge protector will negate its work. Do not plug the **Energy +** into a surge protector.

Energy +

Is the Energy + Dangerous?

The **Energy +** will actually reduce the heat of your wiring making your home safer.

Does the Energy + lower Electro Magnetic Field Radiation (EMF)?

The **Energy +** will lower the High Frequency Pollution on the electrical lines of your home. This is reducing the EMF radiation in your home making it a safer place for your family.

How much weather can the Energy + withstand?

The **Energy +** is not designed to be plugged in outdoors. It is hermetically sealed so it will withstand moisture, dust and heat without a problem.

Is the Energy + CE listed?

CE tested & is technically compliant with the EN61000-6-3, EN61000-3-2, EN61000-3-3 and EN61000-6-1 requirements.

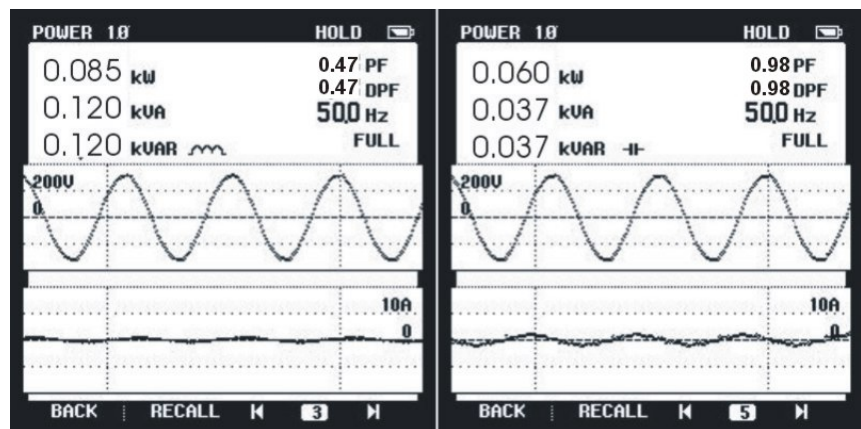
Still have questions ?

Contact your local **SENERTEK ENERGY INC.** distributor for answers right now! See them now, and begin saving tomorrow!

80 WATT FLUORECENT LAMP TEST



TEST WITH FLUKE43B



Current consumption has reduced from 0.08kw to 0.06kw with the installation of 1 unit ENERGY+. This is translated to a current **reduction more than %25**