

HOW THE **POWERLINK E-BOX** WORKS

- Power Efficiency Systems with GESG, Inc. is able to calculate the exact amount of capacitance that is required to optimize the power factor back to unity.
- The **PowerLink E-Box** reduces the I²R losses in the electrical lines and the magnetizing current is then being drawn from the **PowerLink E-Box** instead of from the transformer outside.
- The reactive power (magnetizing current) is stored and released from the PowerLink E-Box at 120 cycles per second.
- This stored energy is released according to the motors need, making the motor run more efficiently.
- This unique approach reduces the heat built up in the electrical lines and therefore reduces the strain placed upon electrical components.
- Electricity that is normally pulled back through the power lines is recycled and reused, instead of being billed for more energy.
- The **PowerLink E-Box** reclaims, stores and supplies the reactive energy to all inductive loads.

THE POWERLINK E-BOX SAVES YOU **MONEY**

The **PowerLink E-Box** recycles wasted energy while increasing the life and efficiency of inductive equipment. The **PowerLink E-Box** also helps to protect against a 10,000 reactive amp surge. All units come with a 5 Year Warranty and have a 25+ year lifespan.

POWERLINK E-BOX BENEFITS

- Rapid R.O.I. (Return on Investment)
- Immediate energy savings, averaging between 8% and up to 25%
- Guaranteed Savings
- Reduces power surges
- Reduces harmful effects from electromagnetic fields
- Increases motor and appliance life up to 35% longer
- 5 Year Warranty
- 25 Year Life Expectancy
- Conforms to ANSI/UL Std. 810



“The **PowerLink E-Box** can help you save up to 25% on your electric bill.”



Saving Energy = Saving Money!



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Residential - Commercial - Industrial

POWERLINK E-BOX RESIDENTIAL APPLICATIONS

Do you own a Residential property and are paying high electric bills? The **PowerLink E-Box** will help you save on items such as:

- Ceiling Fans
- Air Conditioners
- Refrigerators
- Freezers
- Pool Equipment
- Irrigation Pumps
- Well Pumps
- Jacuzzi Pumps
- Fountain Pumps
- Motorized Gates
- and more.



With the monthly savings you will collect, the **PowerLink E-Box** will pay for itself.

The **PowerLink E-Box** has a short installation time and can be done by one of our Authorized Dealers or a Licensed Electrician. You will also receive an added bonus of 10,000 reactive amp surge protection.

We provide a 5 Year Warranty for all units, and the product also has a 25+ year lifespan.



POWERLINK E-BOX COMMERCIAL APPLICATIONS

If you have a commercial property that uses equipment such as:

- Gas Pumps
- Irrigation Pumps
- Chillers
- Boilers
- HID Lighting (Sodium, Metal Halide, etc.)
- Fluorescent Lighting
- Motorized Conveyors
- Elevators
- and more.



The **PowerLink E-Box** will help save you money each month on the items listed above, plus more. It will also help to increase your appliance life span by up to 35%.

If you have a demand charge, you will notice a reduction or in some cases, completely eliminate the surcharges and penalties inflicted by the utility companies.

The average ROI for commercial and industrial applications is 6-12 months.



POWERLINK E-BOX INDUSTRIAL APPLICATIONS

For Industrial locations that use equipment such as:

- Head Saws
- Welding Equipment
- Large Motors
- Pumps
- Extruders
- Drill Presses
- Motorized Conveyors
- Machining Tools
- Stamping Equipment
- Textile Equipment
- Electronic Cranes
- and more.



The **PowerLink E-Box** is practically a must for Industrial locations. A lot of waste is generated in the items above, plus many others. Installing a PowerLink E-Box at each motor or disconnect can possibly save you a lot of money each month.

Industrial locations require an Energy Survey to be conducted. After the Energy Survey is complete we will show you how much you will save with the **PowerLink E-Box** installed.

