



Passive Reactive Power & Harmonics Correction



Benefits Quick Look

	Optimizes Power Factor at the Load
	Built-in Harmonics Line Reactor
	Increases Electrical Capacity
	Cools overheated lines and panels
	Lowers KW consumption and demand
	Extends life of equipment
	Helps Meet IEEE-519-1992 Standards
	140,000+ Hours of service

The PowerLiner™ was designed to meet the growing need to reduce the costs associated with today's non-linear electrical equipment. More AC to DC conversion equipment is being used in today's buildings from Variable Frequency Drivers (VFD's) to DC Drives, Rectified DC Power Systems, Welders, Robotics, and Arc Lighting. Harmonic current is becoming an important part of every business electrical demand.

The PowerLiner™ Line Reactor reduces harmonics by cancelling a substantial portion of the fifth (5th) and seventh (7th) harmonic current supplied to the load. This saves energy, reduces internal heat generation within equipment, frees up new electrical capacity in the facility, and most importantly, produces direct kilowatt hour reduction on your electricity bill by reducing alternating current distribution losses in your facility.

We carry a complete range of low voltage, single and three-phase Passive Harmonic Reactive Power Correction Systems, in a stepped model range from 1.3 KVAR to 30 KVAR. Available in the following ranges of voltage; 200-240V, 380-440V, 480V and 600V for both 50Hz and 60Hz applications. Requirements above 30KVAR are available by simply paralleling multiple units.

All models use an advanced inert gas filled, dry polypropylene and self-healing film, single-mounting-bolt cylindrical capacitor which is manufactured in an ISO 9001 certified facility. The capacitor includes a CE IP-21 certified Cap Mounted Wiring Block plus an integral .03 to 3 second Fast Discharge Reactor module that dramatically exceeds UL/CLS mandatory voltage discharge standards. They also include a built-in Over Pressure Disconnect for protection from transients.

Lasts 140,000+ Hours of Service

All models are built into EIS's U-series of modular powder coated steel enclosures that can ship in either NEMA 1 or NEMA 3R configurations. EIS also offers the following optional features; a factory installed gasket and grommet upgrade to the NEMA 12 configuration, NEMA 7 and NEMA 9 explosion-proof enclosures, NEMA 4X corrosion proof enclosures, current sensing disconnects, internally mounted fusing, and LED indicator lights.

By having end to end control of our product development, design and manufacturing, EIS is able to offer products that radically exceed the normal performance in longevity, features, and power quality standards offered by similar products. All EIS products are state-of-the-art in performance, world standards compliance and value added features.

All EIS products are manufactured to meet or exceed all applicable international safety and performance standards, including, UL, CSA, CE, EIN, DIN, and NEMA.