



**Benefits Quick Look**

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|--|-----------------------------------|
|  | Extends the Life of Motors        |
|  | Improves Facility Voltage         |
|  | Increases Electrical Capacity     |
|  | Cools Overheated Lines and Panels |
|  | Lowers kW Consumption and Demand  |
|  | Improves Facility Power Factor    |
|  | Eliminates Power Factor Penalties |
|  | Lasts for 140,000+ Hours          |

The **EASILiner™** is a product with almost universal application, used to reduce the energy consumption and improve power quality on all types of AC motors. It does this by cancelling a portion of the power normally drawn by these loads, and, more importantly, it does so without negatively affecting horsepower, speed, or reliability.

Our **EASILiner™** reduces the wasted energy normally used by these motors by aligning the phase angle of the supplied voltage and current. This saves energy, reduces heat generation inside motors, frees up new electrical capacity in the facility, and most importantly, it produces a net kilowatt hour reduction on the electricity bill by reducing the alternating current distribution losses in a facility.

We manufacture a complete range of low voltage, three-phase Passive Harmonic Reactive Power Correction Systems, in a stepped model range from 1.3 KVAR to 30 KVAR, with five (5) voltage lines. They are as follows: 100-240V 1-phase, 200-240V 3-phase, 380-440V 3-phase, 440-480V 3-phase, and 600V 3-phase, for both 50Hz and 60Hz applications. KVAR requirements above 30 KVAR 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 style, which is manufactured in an ISO 9001 certified facility, and includes a CE IP-21 certified cap mounted wiring block plus an integral 0.3 to 3 second fast discharge reactor module that dramatically exceeds UL/CSA mandated voltage discharge standards. They also include built-in protection from voltage transients and have a very long service lifetime.

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 upgrades to the U-series: 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.

The primary components in our **EASILiners™** are all EIS's own design, and are not commodity items purchased on the open market. 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, longevity, features, and power quality standards offered by other products. All EIS products are state-of-the-art in performance, world standards compliance, and value added features.

All EIS products are designed and manufactured in the U.S.A. to meet or exceed all applicable international safety and performance standards, including, UL, CSA, CE, ENEC, DIN, and NEMA.