

STOP WASTING YOUR ENERGY



Power Factor Correction is the process of maximizing the efficiency of an electrical network to deliver the most possible power.

Installing our **EVAR modular series** means reducing electricity consumption throughout your power network, bringing significant cost savings and substantial environmental benefits.

In addition, **EVAR** also provides:

REAL-TIME COMPENSATION

- Risks of overcompensation avoided while ensuring functional autonomy

SAFETY

- In the case of defects of the network or equipment, this will be indicated by an alarm on the display panel and the panel.

FLEXIBILITY

- Different customized options are available. (Master/Secondary Box Models – 30 kvar, 45 kvar, 60 kvar, 75 kvar and 90 kvar)

- Ability to add even more extensions at lower prices

COMPACT DESIGN

- Less space required than existing capacitor

POWERQ ENERGY in a
NEW LIGHT

TRIED AND TESTED



CERTIFIED QUALITY

Our **EVAR** modular series is certified as being approved by RoHS, CETL and CUL.



PowerQ is member of Greener Canada, AQME and the Chamber of Commerce.



EVONERGIE



POWERQ

AUTHORIZED
DISTRIBUTOR

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POWERQ
AUTHORIZED
DISTRIBUTOR

EVONERGIE

EVAR

MODULAR SERIES



Lower
your
energy
bill by

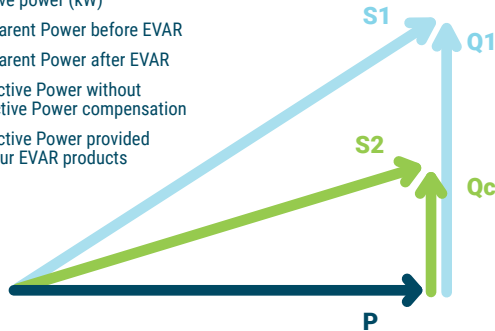
20%

and
reduce your
environmental
footprint

OUTSTANDING RESULTS

Sample Calculation

- P** Active power (kW)
- S1** Apparent Power before EVAR
- S2** Apparent Power after EVAR
- Q1** Reactive Power without reactive Power compensation
- Qc** Reactive Power provided by our EVAR products



Example

The initial consumption per month
S1=150 kVA
with PF=0.79

We install Evar system
45kVar to increase
PF at 0.93

After compensation,
the final consumption
S2=127.4kVA



Economic return:
S2-S1=22.6kVA

Penalty cost-saving:
\$237.11/month

More Options

Add Inductance Box to be used as a harmonic filter, depending on the client's need.

- Fast switching: optional solid-state relay (SSR) that can react in 1 to 2 seconds. Silent contactors
- Remote communication using USB key or Wi-Fi with your PC

A FLEXIBLE SOLUTION

Modular concept

We bring you a modular concept that evolves along with your company:

30kvar → 60kvar or 75kvar

45kvar → 75kvar or 90kvar

EVAR allows a 30kvar or a 45kvar to become a 60kvar, 75kvar or 90kvar, just by adding a new module.

THE WHOLE PACKAGE

Services included



Free evaluation

Full feasibility and profitability studies at no charge



Turnkey project



Data records



5-year warranty



Post installation follow-up



Engineering consulting services

Innovation and performance

We offer a complete range of products and services to help enhance the quality of energy and power efficiency of industrial, commercial and institutional companies.

- Power-factor correction
- Significant power reduction
- Prevention of overvoltage damage
- Increase in lifetime of motors and equipment by reducing excessive temperature rise due to reactive power losses
- Timely returns on investment



Call us now:

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