

**P WERSIDE**<sup>®</sup>

All our energy, in your power

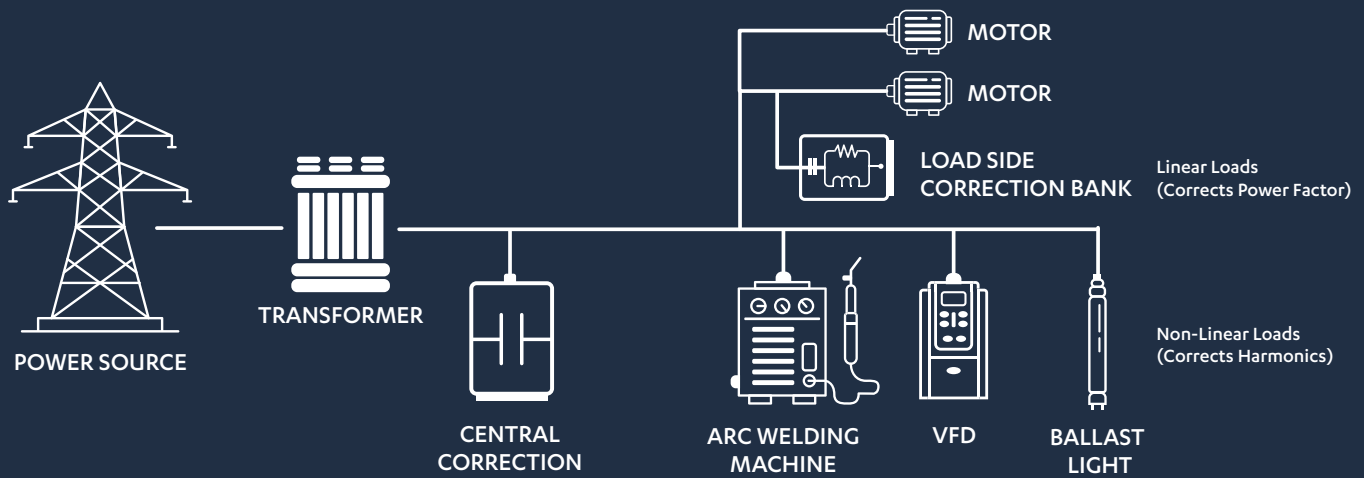
# Power Correction Equipment

Flexible. Predictable. Energy Efficient.



**FAST**  **HIP**

[powerside.com](http://powerside.com)



## Why Powerside

Power quality for both the low voltage and medium voltage network is a critical challenge in industrial and commercial applications. Reliable and efficient power quality ensures trouble free and efficient operation industry and helps to reduce utility power factor penalties.

Customers choose Powerside's low and medium capacitor banks and harmonic filters for superior pricing and reliable performance. Our products are made in Canada and purpose-built for industrial, commercial, institutional and utility power networks.

Choose our products when power factor correction, harmonic filtering and voltage regulation is needed.

## Complete Range Of Products To Solve Wide Variety Of Power Quality Problems.

- ✓ Compliance with the power quality regulations for reactive power and harmonics
- ✓ Reduction or elimination of utility penalties for a low power factor or harmonics
- ✓ Off-loading and reduction of power losses in cables and transformers
- ✓ Reducing production or industrial system downtime
- ✓ Increased electrical system efficiency
- ✓ Reduction of CO<sub>2</sub> emissions



	Power Factor Correction Benefits	Harmonic Filtering Benefits
Reduces power factor penalties	✓	
Pay only for real power usage	✓	
Increases equipment life	✓	✓
Reduces premature equipment wear		✓
Prevents production downtime		✓
Helps maintain voltage	✓	✓
Improves carbon footprint	✓	✓

# Low-Voltage Capacitor and Harmonic Filter Banks

Load-side or central compensation

## PowerCap Series

Fixed & auto capacitor & filter banks

### Features

- 208/240/480/600 V line voltages
- 2.5 - 300 kvar
- Low / high network harmonics
- Power factor correction
- Load side compensation



## PowerVar Series

Automatic capacitor and filter banks

### Features

- 208/240/480/600 V line voltages
- 0-1200 kvar
- Low / high network harmonics
- Power factor correction
- Harmonic mitigation
- Central compensation



## PowerAct

Active harmonic filter

### Features

- 208/240/480/600 V line voltages
- 125 – 750 A
- Dynamic compensation
- Power factor correction
- Harmonic mitigation



## FAST HIP

At Powerside, we pride ourselves on being able to build and ship your products quickly. As part of our Fast Ship program, most of our standard low voltage products ship within 2 to 4 weeks of receiving your order. Ask your Powerside representative for more detail.

# Medium Voltage Metal-Enclosed Capacitor Banks and Harmonic Filters

Load-side or central compensation

## PowerMVar Series

Fixed, filtered, non-filtered capacitor banks

### Features

- 5 / 15 / 27 / 38 kV
- Range 2.4 – 34.5 kV
- 500 kvar – 50 Mvar+
- Asynchronous closure switching
- NEMA 1 / 3R / 4X

## SynchroMVar Series

Automatic filtered, non-filtered capacitor banks

### Features

- 5 / 15 / 27 kV
- Range 2.4 – 34.5 kV
- 500 kvar – 50 Mvar+
- Synchronous Point on wave (PoW) switching
- NEMA 1 / 3R / 4X



## Power Factor Analysis Service

Powerside specializes in power factor analysis. We are trusted by the industry to provide the right analysis and correction solutions for facility power systems. Our power factor analysis service is a simple and effective way for our customers to benefit from Powerside's expertise.



Analysis of your utility bills



Evaluation of your installation needs



Delivery of complete analysis and recommendations



## Portable Power Analyzer Rental Program

Monitoring and detecting power quality issues such as voltage spikes, swells, and sags, harmonic disturbances, and power interruptions is essential to ensuring a facility overall performance, safety, and reliability.

Powerside's portable power analyzer rental program is a fast and cost-effective way to perform a comprehensive short-term power quality analysis on site. The data collected will then be interpreted by a Powerside power quality expert who will provide recommendations for correcting the problems detected.



## Contact us

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