



# Put your power quality problems behind you.

## Power Quality

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Continuous, high-volume production manufacturers, large commercial enterprises, public facilities where staff can't work without power, and of course, essential services providers shouldn't have to think about power quality.

But you do.

Reactive power, load imbalances, voltage sags, flicker, and voltage interruptions. Power quality challenges lead to equipment wear and downtime, inventory waste, additional maintenance and repair, higher operating costs, and grid compliance issues.

Where loads are designed to run within specific voltage ranges, irregularities of milliseconds can cause equipment failure.

Let PG connect your high-precision production equipment up to the consistent, stable voltage your operation needs.

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- ✓ Reactive power and harmonic in industrial grids

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  - ✗ Voltage drops, imbalance and flicker

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  - ✓ Grid resonance and overcompensation

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  - ✓ Voltage stability in the distribution and transmission grid



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# Static VAR Compensator

Industrial power solution.

SVC: Compensate reactive power based on grid-operator requirements

## Applications

Utilities and energy suppliers in medium and high voltage grids

Dynamic reactive power compensation for all electricity intensive industry sectors

(mining, paper, chemistry, oil & gas, cement, steel)

Modular design facilitates service in remote location

## Features

- ✓ Modular hardware and software platform
- ✓ Dynamic control system for highly volatile loads
- ✓ Optional with TCR (Thyristor Controlled Reactor) and TCC (Thyristor Controlled Capacitor)
- ✓ Robust, low maintenance, low life cycle cost

## Specifications

Voltage	Power Range	Direct Connection of Thyristors	Reactive Power	Installation	Converter Transformer	Fault Ride Through Capability
MV / HV  (50 Hz / 60 Hz)	Up to several 100 MVAR ++	Up to 40.5 kV	Scalable	Outdoor E-House Container	Included- Scalable	Yes