



Put your power quality problems behind you.

Power Quality

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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 - ✓ Grid resonance and overcompensation

 - ✓ 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 |
|----------------------------|---------------------------------|---------------------------------|----------------|---------------------------------|
| MV / HV (50 Hz / 60 Hz) | Up to several 100 Mvar ++ | Up to 40.5 kV | Scalable | Outdoor E-House Container |