



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 wastage, 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.

Reactive power and harmonic in industrial grids

Avoid voltage drops, imbalances, and flicker

Grid resonance + overcompensation

Voltage stability in the distribution and transmission grid



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Dynamic Voltage Restorer

Extremely versatile voltage correction and stabilization.
Solutions for stable voltage with demanding applications.

APPLICATIONS

- Improves voltage quality in all industrial sectors
- Large-scale industrial facilities
- Process sensitive industries (pharma, automotive, paper, medical, semiconductor, etc.)
- For compensation of voltage drops in critical applications and even interruptions

FEATURES

- ✓ Fast LV thyristor switch connected serial
- ✓ Flexible active and reactive power supply
- ✓ Voltage correction in less than 1ms
- ✓ Compact design, fully containerized, cost optimized
- ✓ Freedom from grid interruptions

SPECIFICATIONS

Voltage	Efficiency	DC Power Connection (e.g. BESS)	Response Time	Voltage Correction Range	Power Range	Time Duration
LV / MV / HV (50 Hz / 60 Hz)	99%	620V .. 1450V	140 μ s	Variable	Scalable (>30 MVA MMC)	Scalable (1s, 2s, 3s with Ultra Caps or minutes/hours with BESS)