



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.

-
- ✓ Reactive power and harmonic in industrial grids

 - ✓ Reactive power and harmonic in industrial grids

 - ✓ Grid resonance and overcompensation

 - ✓ Voltage stability in the distribution and transmission grid



info@Proventus.Global
(647) 278-5115

404-32 Davenport Road Toronto, ON
Canada M5R 0B5

Static Synchronous Compensator

Statcom: reactive power compensation with maximum regulating dynamics.

Efficient network stabilization and load-flow optimization for tough requirements.

Applications

Dynamic reactive power regulation + voltage stabilization

Rolling mills, traction systems, mining, paper industry, logistics

Wind and PV parks

Stabilizing the voltage during and after faults in the grid

Flicker compensation

Harmonic current compensation

Features

- ✓ Provides dynamically regulated inductive and capacitive power
- ✓ Dynamically improves power factor
- ✓ Voltage support in case of weak power infeed
- ✓ Voltage stabilization in combination with harmonic filter system
- ✓ Standardized and modular system architecture

Specifications

Voltage	IGBT Power Unit	Low Voltage Ride Through (LVRT)	Fault Ride Through (FRT)	Overvoltage Ride Through (OVRT)	Reactive Power	Overload Capability
LV / MV (50 Hz / 60 Hz)	690 V / 125 A	✓	✓	✓	Scalable	✓