

Galt

NEXT GENERATION POWER QUALITY TECHNOLOGY



SVG

Static Var Generator

&

AHF

Active Harmonic Filter

ACHIEVE

GREATNESS

Just like the food that we put into our bodies determines our athletic performance and overall quality of life, the quality of your power can be critical to the operational performance of your facility.

While junk food can lead to sluggishness and poor health, polluted power can lead to the frustration of unexpected downtime, electromagnetic interference, power factor penalties, excessive voltage regulation, overheated motors, damaged sensitive electrical components, utility fines, and even litigation.

Let the Galt Electric line of Static Var Generators and Active Harmonic Filters address your toughest power quality problems and restore your power system to peak operating efficiency.

FEATURES

- ▶ Real-Time Intelligent FFT Algorithm
- ▶ Load Balancing
- ▶ Unique 3-Level Technology
- ▶ Parallel Units Capability
- ▶ Maintenance Free Design
- ▶ 4.3" Color Touchscreen
- ▶ Small Footprint

- Reactive Power Compensation
- 15 ms Response Time

- Harmonic Correction
- Power Factor Correction
- Achieves IEEE 519 Standard
- 5 ms Response Time



[SVG]

Available in 50 / 75 KVAR modules



[AHF]

Available in 35 / 50 / 60 / 75 / 90 A modules

		SVG	AHF
Power	Rated Capacity	50 / 75 KVAR	35 / 50 / 60 / 75 / 90 A
	Rated Voltage	480, 600	480, 600
	Parallel Operation	Unlimited units	Unlimited units
	Efficiency	>97%	>97%
Operation	Power Grid Structure	3P3W, 3P4W	3P3W, 3P4W
	CT	150/5 to 10,000/5	150/5 to 10,000/5
	Circuit Topology	3 Level	3 Level
	Harmonic Compensation	No	Yes (2nd to 50th order)
	Reactive Power Compensation	Yes (-1 to +1)	Yes (-1 to +1)
	Unbalance Compensation	Yes	Yes
	Control Algorithm	Intelligent FFT	Intelligent FFT
	Response Time	< 15 ms	< 5 ms
	Switching Frequency	20 kHz	20 kHz
	Communications	Communication Protocols	Modbus
Compliance	Standard Compliance	ER G5/4	IEEE 519, ER G5/4
	Certifications	UL Listed	UL Listed
Hardware	Mounting Type	Wall mount / Rack mount	Wall mount / Rack mount
	Enclosure	IP 20	IP 20
	Weight	145 lb / 66 kg	145 lb / 66 kg
	Dimensions (Wall mount)	19.8 x 10.0 x 25.2 (Inches)	19.8 x 10.0 x 25.2 (Inches)
	Dimensions (Rack mount)	21.4 x 25.2 x 9.8 (Inches)	21.4 x 25.2 x 9.8 (Inches)

HOW DOES IT WORK?



Innovation

Pushing Power Quality Technology Forward

Galt Electric offers its latest active power quality control systems: SVG (Static Var Generator) and AHF (Active Harmonic Filter). Using the newest state-of-the-art technology, the SVG and AHF will clean up your power system, bringing your facility operations to the next level.

The logo for Galt Electric, featuring the word "Galt" in a stylized, cursive script font.