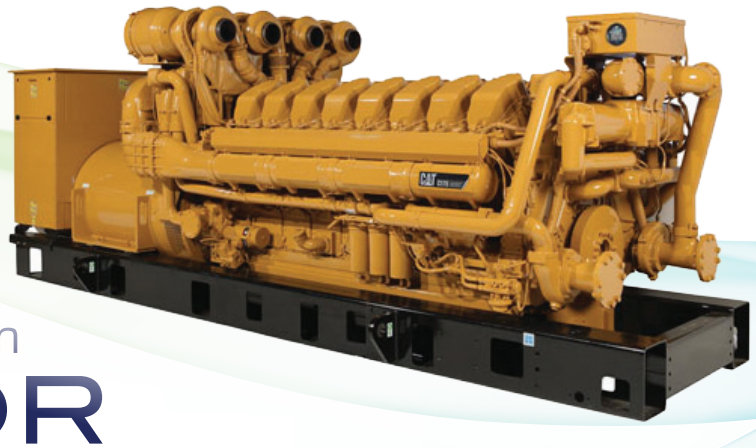

## AutoTune Amperage Suppression

# GENERATOR OPTIMIZATION

### Save Energy, Save Fuel Consumption & Save Money!

The V-Blox Generator Optimization System greatly reduces the amount of fuel necessary to operate your generation plant by increasing the Power Factor of the electrical system to nearly 100%. It does this by supplying the reactive power locally to the downstream electrical loads instead of the generator having to do such, therefore, increasing fuel savings and reducing $CO_2$ emissions. The V-Blox Generator Optimization System constantly monitors the electrical system and automatically adjusts the optimization levels based on the electrical load at any given moment, resulting up to a 40-50% reduction in operating amps and reductions in fuel consumption and $CO_2$ emissions as much as 15-30%.

**Benefits:**

- Lower fuel consumption
- Increased load capacity
- Improved power factor
- Reduced CO2 emissions
- 5-year warranty
- 10-year nominal life design
- UL listed US and Canada

**Ratings:**

- 120, 208, 240, 480 Volts
- Single and Three Phase
- 50 to 60 HZ
- Operating temp. range: -40˚F to 158˚F

**Features and Options:**

- Continuous digital display
- Type 12 construction standard
  other enclosure types available upon request
- 6 to 12 step configuration options
- Harmonic filter options
- Each AutoTune has its own main circuit breaker(s)

### Maintenance Free & Fully Automatic

Simply put, our system requires no on-going maintenance and is fully automatic with a digital display that shows the current status at all times during normal operation.

### Each System is Custom-engineered

Each Generator Optimization System is custom engineered for every installation, resulting in the most optimal solution and the best return on investment for each and every system sold.

### NEW! High Harmonic Model

To accomodate for existing harmonics, V-Blox has developed the GOS System with a larger enclosure, addition of fans, modified bracket system, High harmonic rated capacitors, increased wire size and individual breakers for each capacitor.

866.715.9569
www.totalenergyconcepts.com

V-Blox AUTHORIZED DISTRIBUTOR

TOTAL ENERGY CONCEPTS