





One Stop Power Solutions !!



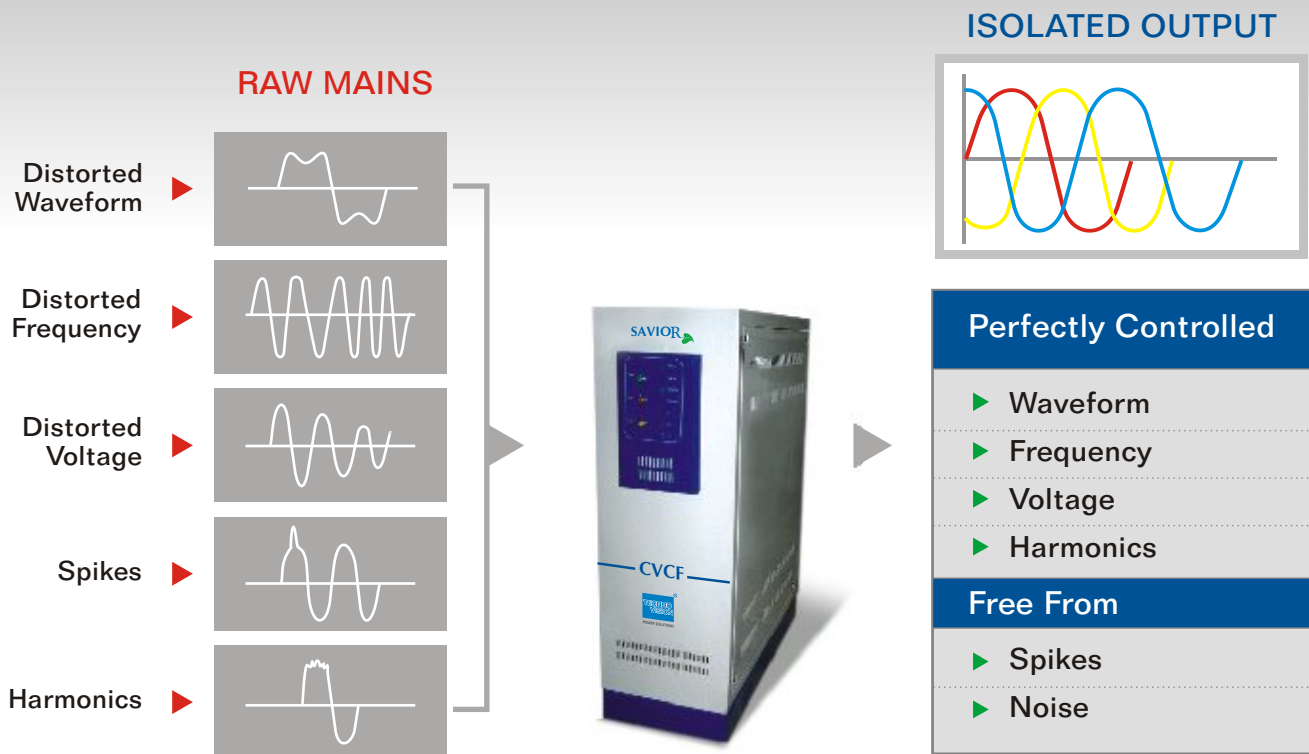
SAVIOR

CVCF (Constant Voltage Constant Frequency)

Ultimate Solutions for Fuel Dispensing Station Power Problems :

-  Provides Constant Voltage
-  Provides Constant Frequency
-  Ensures Isolation
-  Protects the Load & itself from supply adversities

CVCF (Constant Voltage Constant Frequency)



Operating Principle

- ▶ Unregulated raw input supply from MAINS / Generator is filtered & stabilised
- ▶ Filtered power is brought under control of algorithm by switching circuit
- ▶ Time tested micro controller technology & reliable IGBT devices ensure that, output of the CVCF is **CONSTANT VOLTAGE & CONSTANT FREQUENCY**
- ▶ Further, necessary modifications can help you getting rid of Noisy & highly maintenance oriented generating sets



ADVANTAGES

- Electronically operated equipment deploying reliable Technology

- Always steady voltage at the output

- Always steady frequency at the output 50Hz \pm 0.1%

- Isolated output free from Spikes & Surges

- Instantaneous Protections (Short CKT, OV/UV, Over Load)

- Pure Sine wave output

- Instantaneous Voltage correction

- Sleek in size

- Excellent transient response for heavy Inductive load

- Enhances application life span

YOUR APPLICATION

SCVS

(Servo Controlled Voltage Stabiliser)

Spikes are passed to your load which will damage control circuit

Distorted Wave shape is not good for the motors & Control circuit

Frequency variation causes damages to motors, Pumps & Compressors with increased core losses

Uncontrolled quality of Genset power cannot be filtered by SCVS

CVCF

(Constant Voltage Constant Frequency)

➤ Regulated, stable power doesn't heat up the control cards, Processors & Motors

➤ Protection from Spikes, Surges & Noise

➤ Study output voltage & frequency against mains / Genset power

➤ Reduced the maintenance

➤ Increased the MTBF

➤ Increased profits & productivity



TechnoVision is a owner of time tested technology in this family of Power Management.



VANAZ LPG STATION, Pune ▲

TechnoVision has successfully executed such projects for similar application.

1. LPG Dispensing stations
2. Petrol & Diesel Dispensing stations

COMMITEMENT

- TechnoVision's experience in various mission critical applications has resulted in time tested products.

APPLICATIONS

- Packaging
 - Pharma
 - Refrigeration
 - CNC etc.
- **ISO certification** ensures professionally process driven approach.
 - Products are designed & developed to fetch high Return On Investment to the customer by offering high product life & low Total Cost Of Ownership.
 - Our products are user friendly & easy to service.
 - We deploy latest state -of-the-art technology.

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