

# **POWER INTEGRITY** SALES AGENCY

Delivering Exceptional Service and Top-Tier Electrical Power Products

1830 7th Street, Suite D | P.O. Box 2313 | Bay City, Texas 77414



#### John Novak

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Active Voltage Conditioner Sag correction LV 208V-690V 300kVA - 5000kVA



PFC Lite (Power Flow Control)

Headquarters: Markham (Ontario, Canada) Representation in these States: TX | LA | OK

#### https://Omniverter.com

Omniverter has 25+ years of solving industrial power quality problems. They work with customers to obtain details of the individual site power quality issues, which may include voltage sages, short-term power outages, harmonics, and electrical resonance. They analyze the site data and then offer optimum solutions with Active Voltage Conditioning (AVC), Industrial **UPS**, or Harmonic Filters at low voltage (≤ 600V) or medium voltage (≤ 36kV). They offer both indoor and outdoor complete correction solutions to meet individual customers' requirements.

### **Active Harmonic Filters Series II**

- Corrects 2nd to 50th current harmonics
- Sensorless THDv compensation
- •Can provide resonance suppression
- •Target individual harmonics, power factor, load balance, or reactive power compensation
- •Performs THDi mitigation, reactive power, and unbalance correction based on manual set priorities & capacity.









#### **Active Harmonic Filters** LV 208V – 600V 50A – 2500Amp

#### **Dynamic Harmonic Filters** MV up to 15kV

Resonance Filter

LV 208V-600V MV & HV TRF coupling



**Wall-Mounted Active Filter** Units LV 208V—480V 50A—150A



Measure and monitor equipment using digital electrical power quality (PQ) meters with onboard memory storage to identify the real electrical power quality issues. Once identified, the problems can be addressed with appropriate solutions.

## Common Points of Failure in Facilities Due to Electrical Power Quality Issues

- Variable Frequency Drive (VFD) failures in compressors, pumps, and motors, leading to burnout.
- Malfunctioning of Programmable Logic Controllers (PLCs) and automated processes.
- •Frequent tripping of circuit breakers and protection control circuits.
- Overheating of equipment and premature failure of breakers, motors, and shaft bearings.
- Capacitor bank failures and premature battery failures, often accompanied by high neutral-to-ground (N-G) volt age on panelboard bus and neutral bars.
- Low or overvoltage conditions that stress equipment, causing overheating.
- Switch mode power supplies contribute to 80% of power problems, which are internally generated within your facilities.
- High-frequency issues occurring outside of the wiring, and low-frequency issues (harmonics) within the wiring, leading to overheating of transformers, whether oil-filled or dry-type.

Office: +1 (979) 657-7472

Sales@PisaLLC.com

https://www.PisaLLC.com



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Headquarters: The Woodlands, Texas





Representation in these States: TX | LA | OK Turnkey Microgrid Systems

Operations and Maintenance Services •O&M can save up to 20% on energy bills 24/7/365 Remote Monitoring Services •Round-the-clock watchdog

### https://www.RPower1.com

•Islanded or Grid-Synchronized Systems Founded in 2021, RPower develops, builds, owns, operates, and maintains power generation projects to include behind-the-meter microgrids, merchant (peaking) power plants, and bespoke cogeneration solutions. The RPower team has a proven track record serving large industrial customers and utilities, including extensive experience in power generation project development, asset operations, asset optimization, and

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retail energy supply. In addition to extensive experience with combustion turbines and reciprocating fossil fired generators, the RPower team integrates renewable technologies such as solar and energy storage to meet specific customer needs. RPower also leverages decades of energy supply and demand management experience.

As a Level IV Qualified Scheduling Entity (QSE) and Retail Energy Provider in the ERCOT market, RPower helps industrial customers manage power plants, while optimizing their onsite energy consumption and realizing the lowest cost of retail energy supply in the market.

# **About Power Integrity, LLC**

Mission: Power Integrity, LLC is dedicated to delivering exceptional service and top-tier electrical power products. Upholding the highest standards of integrity, we represent manufacturers and service providers with professionalism and respect. Our commitment is driven by a shared passion for energy efficiency, ethical business practices, and excellence in all interactions.

Vision: Our vision is to become a highly respected representative of manufacturers and service providers in the electrical power industry, renowned for our exceptional service, product quality, and principled representation. Power Integrity, LLC

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