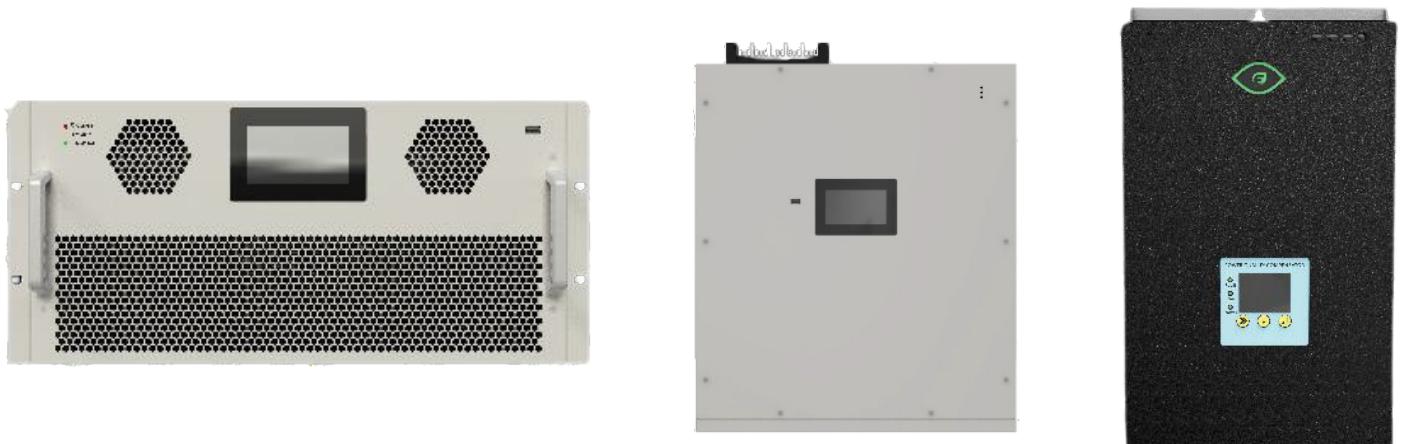




Engineers & Engineers  
(Electricals) Pvt. Ltd.

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# ACTIVE HARMONIC FILTERS (AHF), STATIC VAR GENERATORS (SVG), AND HYBRID APFC PANELS

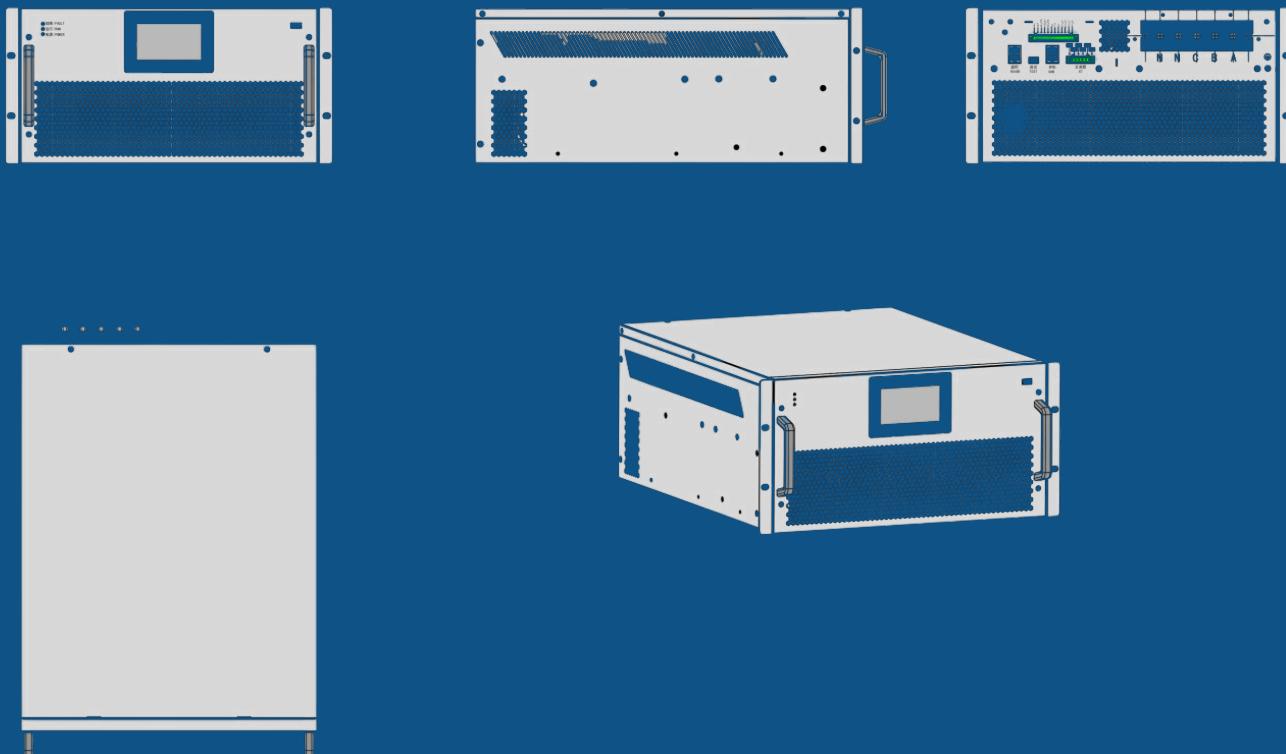
Empowering Efficient Energy Solutions for Industrial Applications

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# WHO WE ARE

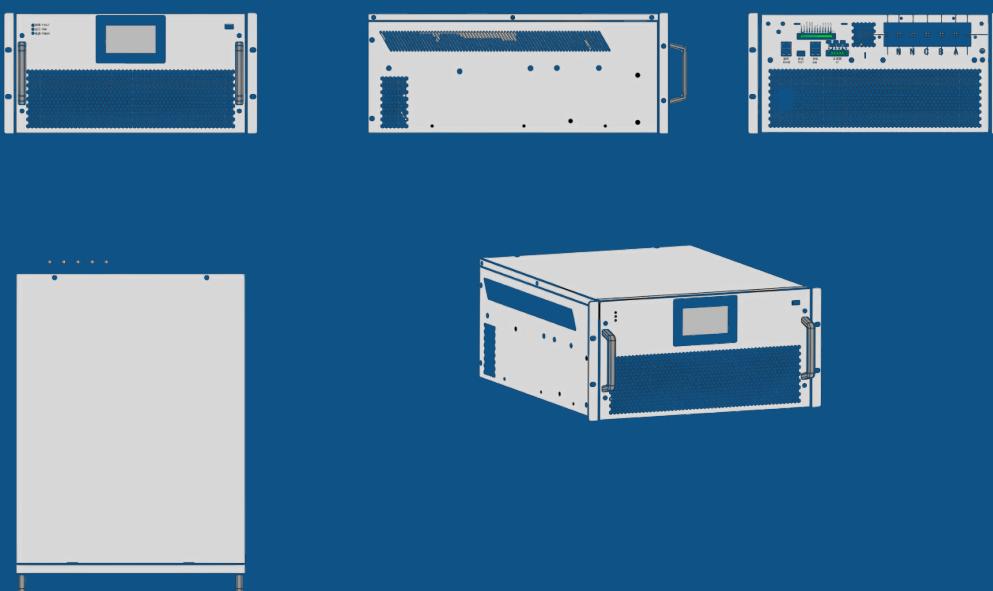
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At Engineers & Engineers (Electricals) Pvt. Ltd., we specialize in manufacturing state-of-the-art AHF, SVG, and Hybrid APFC panels, designed to ensure superior power quality and enhance energy efficiency in diverse industrial environments. Our solutions target power factor improvement, harmonic mitigation, and reactive power compensation, making them ideal for industries looking to optimize energy usage, reduce power losses, and comply with stringent power quality standards.



# KEY FEATURES OF ENEEPL MAKE AHF, SVG, AND HYBRID APFC PANELS:

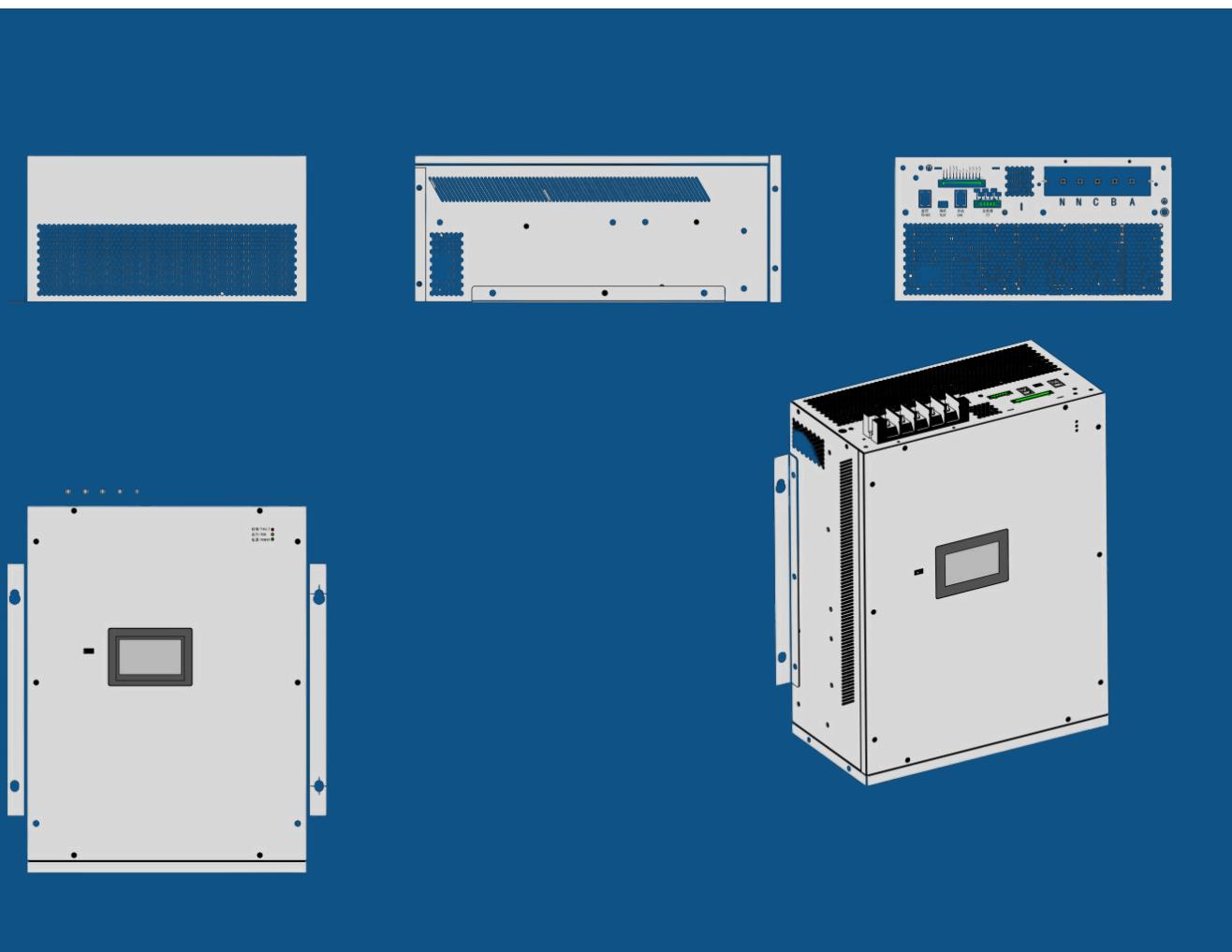
- Active Harmonic Filters (AHF): Our AHF panels are designed to detect and eliminate harmonics in real-time, ensuring a smooth power flow and minimizing distortion. These systems provide dynamic compensation for both current and voltage harmonics, ensuring compliance with IEEE 519 standards.
- Static Var Generators (SVG): SVG systems automatically compensate for reactive power, maintaining an optimal power factor close to unity. They offer precise, fast-acting control, ensuring voltage stability and reducing power factor penalties, making them perfect for industries facing fluctuating loads.
- Hybrid APFC Panels: The Hybrid APFC (Automatic Power Factor Correction) panels combine the functionality of conventional APFC with advanced harmonic filtering and reactive power compensation. This hybrid approach provides an all-in-one solution to ensure efficient energy management, mitigating both harmonics and maintaining a stable power factor simultaneously.



# TECHNICAL SPECIFICATIONS:

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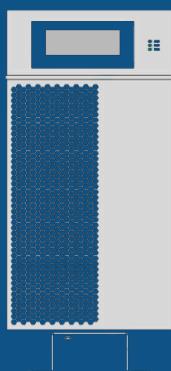
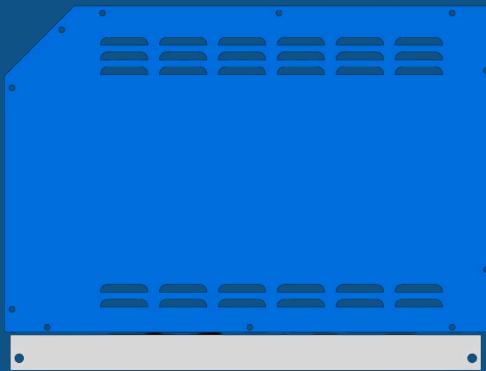
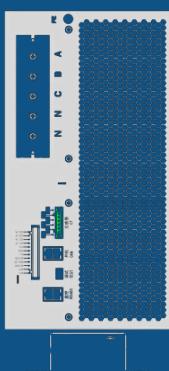
1. Voltage Range: 400V – 440V (customizable)
2. Current Compensation Capacity: Up to 1000A
3. Harmonic Compensation: 2nd to 51st order
4. Power Factor Control: Achievable up to 0.99
5. Response Time: <100  $\mu$ s for SVG and AHF systems
6. Circuit Topology: 3-Level Topology



# APPLICATIONS:

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Our panels are perfect for industries such as manufacturing, automotive, textiles, steel plants, and any facility requiring stable and efficient power management systems. They help reduce equipment failure due to poor power quality and offer long-term savings by improving energy efficiency.

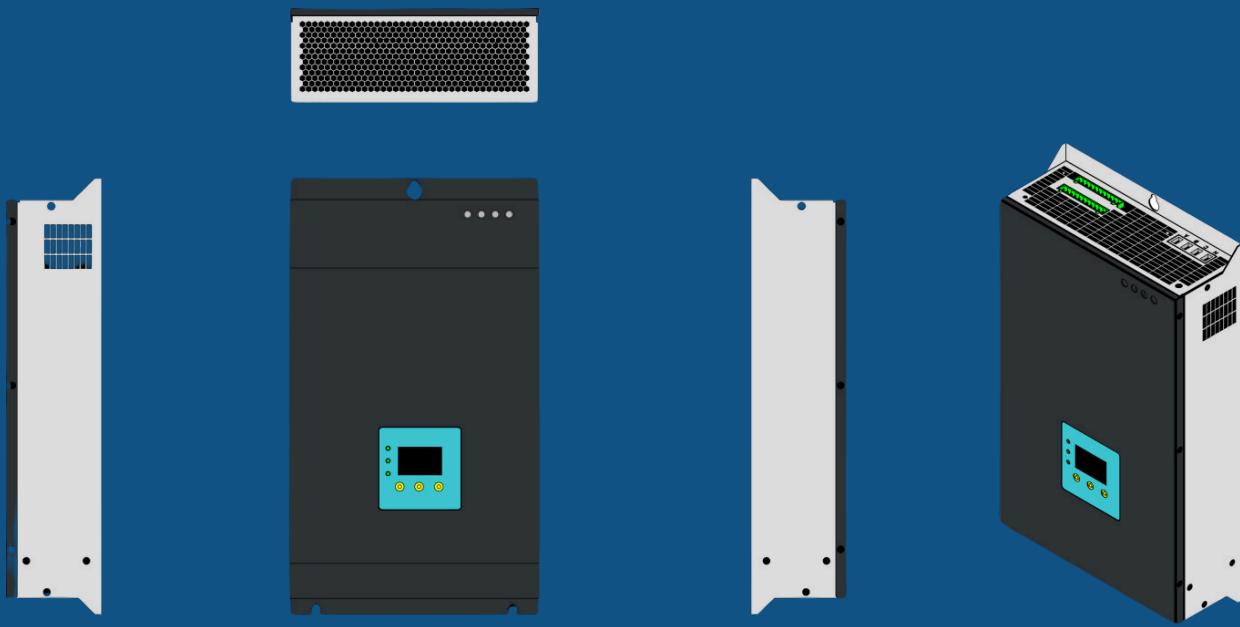


# WHY CHOOSE US?

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- Tested Designs: Our products use top-grade technology from global suppliers, ensuring long-lasting performance and low maintenance.
- Customizable Solutions: Panels can be tailored to meet specific industry requirements.
- User-Friendly Interface: Intuitive control systems with HMI allow for easy monitoring and adjustment of power parameters.
- Durability & Reliability: Our panels are built for endurance, withstanding challenging industrial environments while ensuring continuous, stable operation.

For pricing and further details, please contact Mobile Number 9413333412. We offer customized solutions tailored to your specific requirements.





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**FOR MORE INFO, CONTACT US**



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