

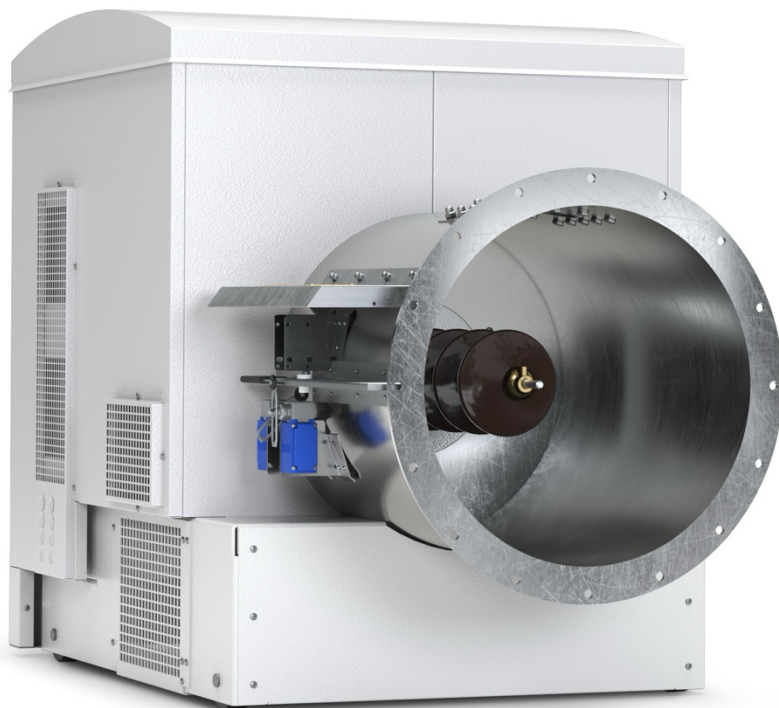


Press Release

KraftPowercon Launches NovaKraft™: A New Standard in High-Voltage Power Supply for ESPs and Carbon Capture

Gothenburg, Sweden – June 2025 – KraftPowercon, a global leader in industrial power solutions, proudly unveils **NovaKraft™**, a next-generation high-voltage, high-frequency switch-mode power supply (SMPS) designed to meet today's emissions challenges and tomorrow's performance expectations.

Built for Electrostatic Precipitators (ESPs) and tailored to support carbon capture initiatives, NovaKraft™ is a **compact, energy-efficient, and digitally advanced** power platform that helps both OEMs and end-users reduce environmental impact, ensure regulatory compliance, and streamline operations.





Engineered for Performance, Designed for Compliance

At its core, NovaKraft™ leverages **silicon carbide (SiC) technology**—enabling fast switching, low ripple voltage, and outstanding energy efficiency. The result is lower power losses, improved uptime, and a future-proof system that is fully optimized for **Medium Combustion Plant Directive (MCPD)** requirements on particulate matter.

“NovaKraft™ is designed to solve real operational challenges—especially in installations where space is limited, compliance is urgent, and efficiency is critical,” says Reza Sharafy, Global Product Manager HV. “It’s equally well suited for new projects or retrofitting existing installations, with minimal downtime and maximum impact.”





Why NovaKraft™ Makes a Difference

For End Users:

NovaKraft™ helps maintenance and plant managers secure clean air targets with ease. It minimizes downtime, reduces OPEX, and makes system performance visible and manageable via a large 7" touchscreen and full remote access.

For OEMs:

Its universal installation design (horizontal/vertical), compact footprint, and robust digital communication options simplify integration in tight spaces and complex configurations—saving time and reducing project cost.

Key Features and User Benefits

- **High Efficiency & Low Losses**
 - SiC-based switching minimizes energy use and improves power factor, cutting electricity costs and emissions.
- **Digital Smartness**
 - Remote troubleshooting, data logging, oscilloscope functionality, and smart control features—accessible via touch panel or remote link—enable proactive maintenance and diagnostics.
- **Retrofit-Ready**
 - Drop-in compatibility with legacy systems thanks to flexible mounting options, reducing installation time and complexity.
- **MCPD Compliance**
 - NovaKraft meets and exceeds key standards for medium combustion plants (<50 MW), ensuring long-term regulatory alignment.
- **Scalable Design**
 - Future-ready foundation for modular high-voltage systems, supporting expansion and adaptation.



Availability

NovaKraft™ will be available from **June 2025**. Demonstrations and consultations are now open.

Visit [kraftpowercon.com/NovaKraft] to explore the product, download technical documents, or book a meeting with our application team.

Also welcome to contact us at press@kraftpowercon.com