



A reliable & clean power environment
for your entire operation



**WHAT IF ...
SUDDENLY THE
POWER FAILS?**

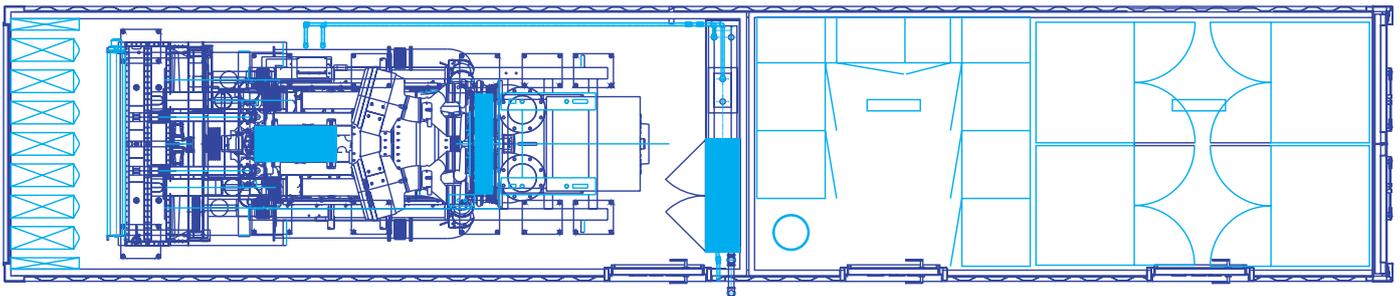


We know that electrical power from the grid is not reliable

We also know that the backup power from generator sets is not reliable and that switching over back and forth from the grid to the gensets effects your operations. For critical operations, organizations and companies use Uninterruptable Power Supplies called UPS systems, but with high ambient temperatures the standard UPS systems are not reliable. Business operations are always advancing, becoming more sensitive and critical. Information Technology is embedded in every function throughout each operation and that means companies are getting more dependent on Clean, Reliable and Uninterruptable electrical power. Power outages and switching over between the Mains and the backup generators bring power distortion which affects the durability and life span of all equipment.

Therefore we have the solution to meet your needs in even the harshest conditions, temperature and environments: The Elinex Power Container.

Through the utilization of the Elinex Power Container, you will get Clean Continuous Electrical Power that keeps your operations running day by day with NO interruptions. The Elinex Power Container is a turn key solution, designed and built in Europe according to the European standards. This eliminates the difficult on-site assembly work and ensures that the entire solution is engineered and assembled in accordance with the proper specifications, in a clean environment and with the appropriate equipment and supplies. It is a robust design, made for use in the Middle East region with high reliability and availability with a power rating between 250KVA and 5MVA. It is modular, flexible, and mobile (easily transportable via standard shipping and trucking methods). The Elinex Power Container will be made according your specifications and requirements.



How does Elinex Power Solutions do this?

We use a 20 ft or 40 ft container that is redesigned to meet your application needs. After all modification work is completed, the Elinex Power Container will be CSC re-approved and ready for shipment. Based on the customer specifications, all critical and non-critical power requirements will be identified to ensure that the appropriate power solutions are designed into each Power Container. We use global brand generator sets, FG Wilson and others, with worldwide support. We make use of Siemens switchgear, approved to the highest European safety standards. And for the critical load we use a flywheel based uninterruptable power supply without making use of batteries which are less reliable and high in cost. The Elinex Power Container is designed and factory built in the Netherlands, Europe with the customer's special demands identified, assessed, and incorporated into your individualized Power Container.

What are the benefits of the Elinex Power Container?

Continuous Clean power can be built to meet your specific demands and environment. The Elinex Power Container is easy to locate and relocate, as there is no brick's and mortar required for installation. It is Plug & Play and it has no need for special cooling. The Power Container functions properly at 55 C external temperatures. In frequent power outages, a critical requirement is the recharging time of the UPS. For the standard battery based UPS systems this recharging time can take days, but with the Elinex Power Container the battery free UPS is fully recharged within just a few minutes. It has high short circuit power availability and a low impedance output to the load. The Elinex Power Container has a 20 years + design, with a high efficiency and low maintenance which results in the best total cost of ownership (TCO) figures available in the industry.



Where should we choose from and what is needed to design the right solution for you

We have a range of standard models you can choose from, but every Elinex Power Container can be modified and built to your specific requirements. Our designers work hand in hand with our customers to ensure that you receive the right design. We need to know a few basic requirements and the applications, which include some of the following information: The power rating, specified in Watt's or VA KiloWatt's or VA or MegaWatt's or VA. You also have to specify what should be the critical load and what should be the non-critical load. Do you need any form in redundancy and if so, how much? Availability and reliability of the Grid? What is the location, the environment and how much space is available?

Who we are: Elinex Power Solutions

We are a professional, ISO 9001 company from Europe with our headquarters in the Netherlands near Rotterdam with an organization and proces structure based on Lean Manufacturing and Six Sigma methodology. We have 25 years of experience and are the largest constructor / integrator of containerized UPS solutions in the Netherlands. We have installed our Power Container throughout Europe at numerous customer locations. Our customers include governmental organizations, banks, insurance companies, hospitals, datacenters, and the marine and off-shore industries. We have a large service organization we have built up technical expertise for design and project management in the field of Clean and Continuous Power.





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