



ENERGY EVERYWHERE
INDUSTRY





GETTING THINGS DONE REQUIRES **ENERGY**

There's no such thing as two industrial plants with the same energy needs and requirements. For example, in the food industry, a power failure can lead to the loss or spoilage of perishable products. On the other hand, in processing plants, it can create unstable chemical reactions or the loss of ventilation systems, putting personnel at risk. In facilities that, as a result of Industry 4.0, live on technology, digitalization, and automated machinery and processes, it can mean efficiency, economic, and data losses.

That's why power generators are increasingly relevant in the industrial energy supply. Chosen and sized according to their function and each unit's own characteristics, they can be key to guaranteeing uninterrupted and smooth operation, ensuring the continuity of procedures and the safety of the entire facility.

Industry is an area for which Grupel has provided a great number of solutions, adjusting each one to the heterogeneous characteristics of this sector, both in terms of conditions and in terms of energy needs.





GRUPEL SOLUTIONS FOR THE INDUSTRY SECTOR

With a vast experience and technical know-how, Grupel's Engineering Department designs and produces solutions adapted to the needs of each industrial context and its location, which can work both in emergency mode and continuously.

WHAT CHARACTERISTICS DO THESE POWER GENERATORS HAVE?

ENGINEERING



Creation of customized solutions, adapted to different locations and applications, as well as in compliance with the current regulations of the requesting institutions.

IMPROVED PERFORMANCE



Optimized performance and possibility of parallel operation for continuous power supply to ongoing operations.

ROBUSTNESS



Resistant canopies and containers with anti-corrosion finish for harsh environments and exposure to dust, temperature fluctuations, humidity, etc.

DIVERSITY OF EXTRAS



Incorporation of extras that ensure a safe and efficient operation, such as remote start, communication modules, including wi-fi, among others.

ADAPTABILITY



Compliance with international standards for emissions and noise, through soundproofing with rock wool and the inclusion of components such as STAGE V engines.

POWER RANGE



A wide range of power ratings for projects with different sizes and energy needs, ensuring uninterrupted power supply.

APPLICABLE PRODUCT RANGES

SR

SMART RANGE

8- 65 kVA

Reliable gensets prepared to respond to power failures, for small industrial units, starting automatically and guaranteeing the energy supply for the operation of various tools, machinery, and industrial processes.

IR

INDUSTRIAL RANGE

40- 1250 kVA

High power range, with gensets suitable for more complex industrial processes with high energy requirements. Robust options, adapted to harsh environments, with dust and other particles.

HR

HEAVY RANGE

800- 3150 kVA

Containerized generator sets, developed by our R&D+I team to meet industrial needs with high energy requirements. They supply low and/or medium voltage power, either continuously or in emergency mode.

GR

GAS RANGE

Gensets powered by natural gas or biogas, more economical, environmentally responsible, and reliable, generally used in an industrial context, in applications that require high power and high efficiency.

SP

SPECIAL PROJECTS

High-power gensets and electrical engineering solutions, fully customized, usually containerized and equipped with a wide range of extras that allow them to perform more efficiently and reliably.

OUR PROJECTS IN THE **INDUSTRY** SECTOR

Over the years, Grupel has created highly reliable and robust solutions, by adapting its products to the needs of real customers, contributing to the development of local communities worldwide.



COTTON MILL

SUDAN

⚡ 1MVA 🛢️ Perkins 🏠 Leroy Somer

To support a cotton factory, Grupel supplied a 1000kVA genset, which ensures the power supply to the entire facility, in case of failure of the power grid. It is installed in a robust canopy of large dimensions, and includes an AREP system to maintain the stability of its operation, even in case of energy surges. It thus ensures continuous operation for an industry that supports many others, such as textiles or commerce.



FOOD INDUSTRY

KENIA

⚡ 2,7MVA 🛢️ Perkins 🏠 Leroy Somer

Grupel designed and produced a special project for one of the largest food industries, in Kenya. The company was looking to cover its energy needs when opening a milling unit. Thus, the project was composed by two generators of 1350kVA, each, operating in parallel, in order to ensure a greater adaptability to load variations and a more efficient consumption, guaranteeing a reliable and continuous energy supply.



INDUSTRIAL UNIT

VIETNAM

⚡ 402kVA 🛢️ Iveco 🏠 Leroy Somer

To ensure the power support to an industrial unit in Vietnam, Grupel supplied a 402kVA power generator. The solution operates in emergency, starting-up in case of failure of the power grid. Similar to other projects designed for industrial units, this Grupel generator meets specific requirements such as automatic start-up and soundproofing, and is also adapted to the climatic conditions of the installation site.

ACAIL

ANGOLA

⚡ 2MVA 🏠 MTU

Grupel produced a unit composed by two 1000kVA gensets, for Acail Angola, a reference company, dedicated to Steel Products and Industrial Gas, located in Luanda. This is a special project that operates in continuous mode and in parallel with another unit of 5MVA and/or with the electric grid. This solution was designed to face energy peaks and has cooling systems, lubrication, synchronism and air inlets and outlets.



BALTIC FISH EXPORT

BALTIC REGION

⚡ 650KVA 🏠 Baudouin 🏠 Grupel

Grupel produced a genset for Baltic Fish Export UAB, a company in the food and fish preservation industry. The 650kVA equipment was designed to work in emergency mode, starting in case the power grid fails. It provides power to the entire facility, which is composed of factory, warehouses, and includes refrigeration and freezing systems and other machinery for activities such as processing and packaging of fish and seafood.



BLUEPHARMA

PORTUGAL

⚡ 910KVA 🏠 Baudouin 🏠 Leroy Somer

For Bluepharma's (pharmaceutical company) new facilities energy support, Grupel supplied a 910kVA genset. The group was designed to operate in emergency mode, running only in case of electric grid failure. This guarantees uninterrupted operation of the entire facility, whose production capacity is 300 million units / year. It is composed of an industrial area as well as other spaces dedicated to offices and warehouses.







Founded in 1976, Grupel was born with the mission of taking Energy where it is needed.

Our wide range of products includes standard generators from 3 to 3500kVA, portable lighting towers and complex special projects developed on a custom basis.

We have a 360° specialized team that guarantees quality services, from design to technical assistance and spare parts supply.

Grupel has the confidence of the Portuguese market, having been distinguished with the Five Stars Award (Prémio Cinco Estrelas) and the SME Leader (PME Líder) status. And it is also recognized on a global scale, being present in over 70 countries.

The best Energy. From Portugal to the world.



6 REASONS TO CHOOSE **GRUPEL**

EXPERIENCE

For over 45 years, Grupel designs, produces and sells power generators, taking energy to the whole world, with its unique know-how and experience.

FOCUS ON THE CLIENT

Grupel works for the satisfaction of its clients, supporting the entire life cycle of their projects and developing the best solutions for each need.

GLOBAL SCALE

Grupel is a brand awarded on several occasions in Portugal and recognized internationally, being present in over 70 countries on 5 continents.

VERSATILITY

With a wide range of powers, Grupel can serve highly demanding applications such as industries, data centers, hospitals or power plants and cogeneration systems.

TECHNICAL ASSISTANCE

Grupel's team responds to any doubt or intervention that you may need, through maintenance services, technical assistance and supply of spare parts.

QUALITY

Grupel works with components from internationally renowned brands and its own brand, being certified by the quality standards ISO 9001 and 14001 and the CE marking.



TECHNICAL SUPPORT AND **AFTER SALES SERVICES**



TECHNICAL ASSISTANCE

Performed remotely,
by phone
or on site.



SPARE PARTS SERVICE

Spare parts for engines,
alternators and generators
of all brands.



GENERATOR MAINTENANCE

Full and personalized
monitoring of your
equipment.



START-UP AND TRAINING

Functional tests and
training for the use of
the equipment.



GENERATOR REFINISHMENT

Improvement of obsolete
generators or components in
poor condition.



SOLUTIONS AND PROJECTS

Proposals
tailored
to your needs.

Order one of these services at
www.grupel.eu

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