



WWW.ERGA-GENSET.COM





ERGASENSETL.

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MISSION

Erga empowers its partner's business and supports critical processes by providing high-quality reliable power generation solution. Due to its knowledge and experience, Erga Genset provides the most effective solutions to all businesses in order to assure the appropriate access to electric energy by giving the best reliability and profitability of each project.

OUR CORPORATE VALUES

The company's growth is sustained by three pillars of its corporate values:

COMMITMENT TO EXCELLENCE

We strive to be the best at what we do. We lead through innovation in design, engineering, manufacturing and quality control in our facility. We set the highest standards for the complete lifecycle of the product.

CUSTOMER FOCUS

We work closely with our partners to identify and tailor our solutions to best fit their technical and commercial needs. We offer our support from pre-sales to commissioning, maintenance and up to disposal of units.

SOLID RELATIONS AND TRUST WITH ALL ITS PARTNERS

Respect, transparency are the core principles of the Company.

MANUFACTURER
OF DIESEL GENERATORS
OF POWER CAPACITY
FROM 7 UP TO 2500 KVA



OUR HISTORY

Founded in 1999, Erga Genset started its growth with production of metal constructions. In 2003 Erga Genset moved towards manufacturing of containers, designed for diesel generator sets.

Since then the company decided to expand its activity and launched the production of diesel generators. Nowadays we offer to our clients' wide range of diesel generators from 7 kva to 2500 kva. Many years of our professional experience allow us to provide tailor-made engineering solutions for the projects of different complexities.

BLUEPRINT

- EXCEPTIONAL AFTER SALES SUPPORT
- APPLY FIELD-TESTED SOLUTIONS
- CONTINUOUS DEVELOPMENT OF OUR HUMAN RESOURCES
- DESIGN, INNOVATION AND MARKET RESPONSIVENESS
- HONOURING OUR COMMITMENTS
- CUSTOMER FOCUS AND FLEXIBLE OFFERING



ERGA MANUFACTURING PLANTS

are in compliance with all environmental regulations and with a high degree of security. Metal works are processed through fully automated high precision computerized plasma cutting machines. Coating of metal is being done with the use of spray powder on the automatic coating line.

Our production workshops, engineering and technical departments allow us to maintain the control over the entire production process.

Erga complies with all European regulations, ISO quality and environmental manufacturing process management standards.



METALWORKING SHOP



WELDING SHOP



PAINTING SHOP



METALWORKING SHOP



PRODUCTION WORKSHOPS ARE DIVIDED INTO THE FOLLOWING AREAS:

- Metalworking shop
- Welding shop
- Painting shop
- Assembly Shop
- Electrical Workshop
- Test shop

WE ALSO HAVE PRODUCTION AND TECHNICAL DEPARTMENTS:

- Leading engineer
- Design department
- Engineering and construction service
- Quality department

ASSEMBLY SHOP



ELECTRICAL WORKSHOP



TEST SHOP



PRODUCT OVERVIEW

OUR FLEXIBLE APPROACH,
ONGOING ALIGNMENT TO
MARKET TRENDS AND
DEDICATION ARE THE MAIN
DRIVERS BEHIND THE
COMPANY'S SUCCESS AND
CONFIDENCE IN OUR FUTURE AS
A WORLD LEADER IN CRITICAL
MARKETS APPLICATION










ERGA GENSET

Erga products are manufactured under strict existing Regulations of EU. We require all our suppliers to be a brand of reference and to comply with high quality standards.

Our gensets have its own and unique canopy design (more than 15 years in the market) with a high level of flexibility for a wide range of applications.

Years of experience allow Erga to supply gensets with guaranteed technical features. Erga's engineers and R&D department constantly work on the innovations and adaptation to future trends.

STANDARD DIESEL GENERATING SETS

KVA PRP	INDUSTRIAL RANGE														HIGH POWER RANGE >750kVA
	9	16	20	25	30	45	60	85	150	400	500	630	650	750	
 LOMBARDINI															
KOHLER															
IVECO															
 VOLVO PENTA															
 Perkins															
 CUMMINS															
DEUTZ															
 MTU															
 MITSUBISHI HEAVY INDUSTRIES															
 DOOSAN															

ALTERNATORS

CONTROL PANELS



The hybrid generating system allows optimizing OPEX by reducing the fuel consumption and extending maintenance intervals of Gensets. Generating set main components include inverter, battery charger, battery storage system and plant controller.

Erga engineers work closely with the client to identify critical requirements and recommend adequate battery storage and diesel power capacity.

The hybrid power station can include different systems of electric generation along with the genset. These systems work in parallel supplying energy to consumers and to the batteries. The Erga hybrid power station allows connecting solar or wind plants to the system. This type of solution enables to extend the service life of the genset and to use green sources of energy.

HYBRID SYSTEMS



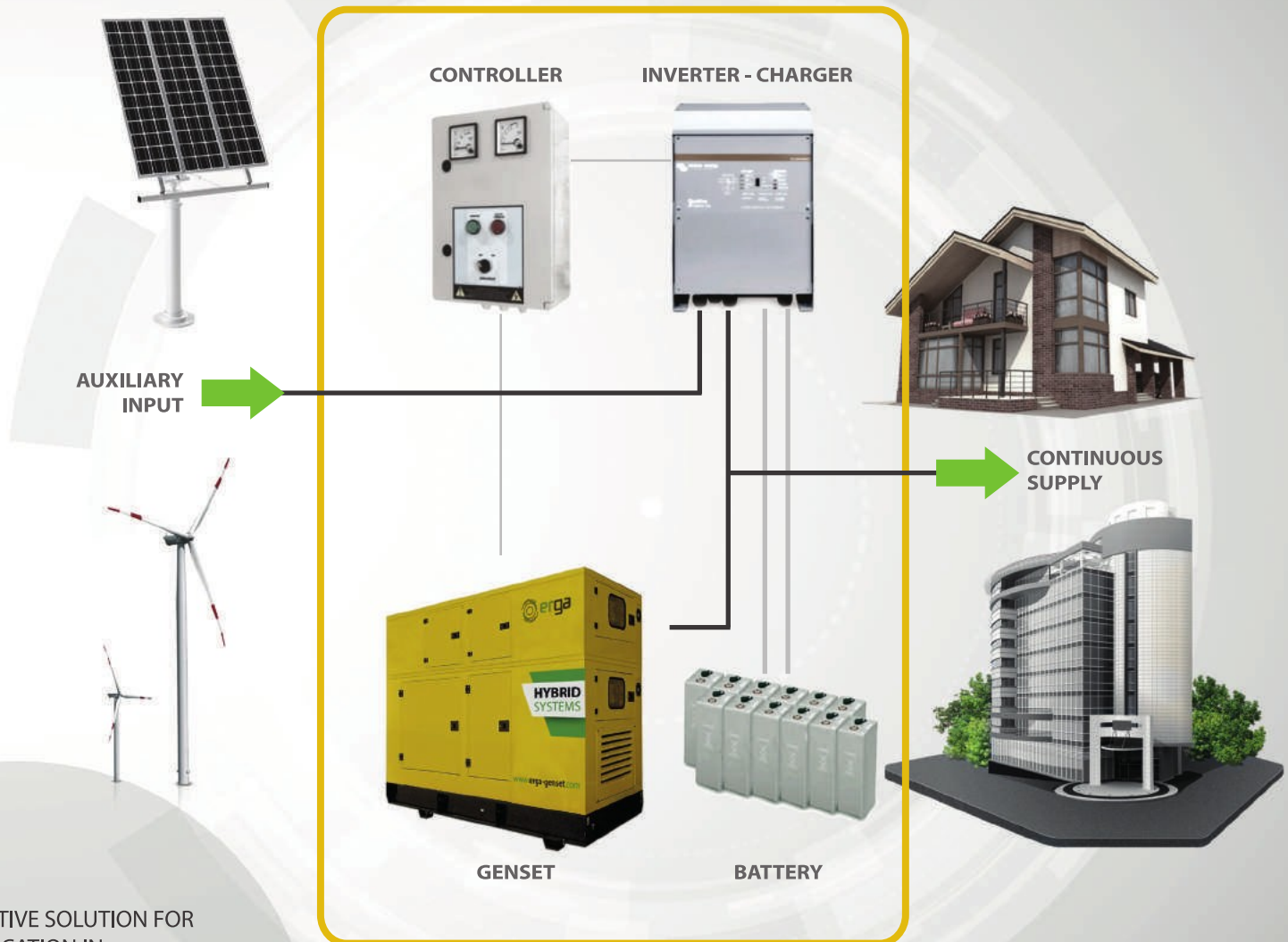
HYBRID SYSTEMS

Key advantages include:

- Fuel savings
- Reduction in carbon footprint
- Environment-friendly
- Virtually eliminating noise through a minimal operation time of Diesel Genset
- Lower OPEX & Maintenance Costs vs Higher Maintenance Intervals
- Extended Standalone/Autonomous Operation
- Clean Source of Energy with possibility of using multiple energy sources
- Single and three-phase compact hybrid system
- Remote Control & Monitoring Features
- Easy to install and operate
- Suitable for extreme temperature conditions
- Easy to transport

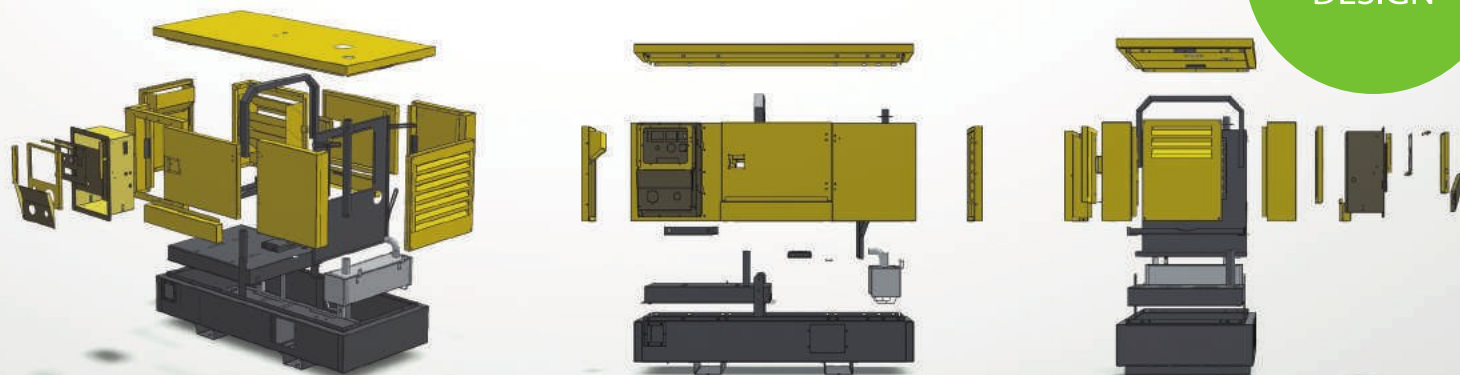
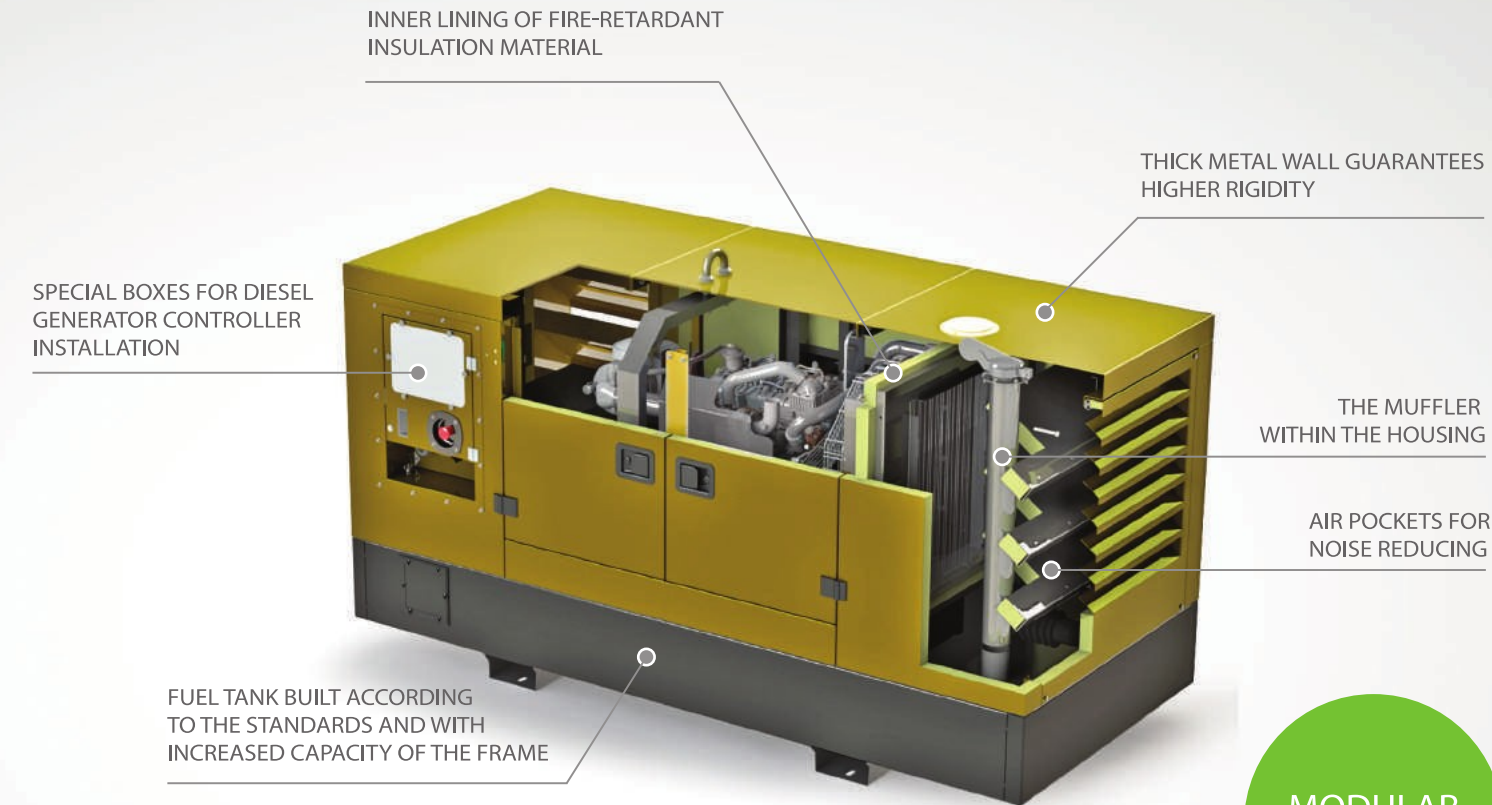
ERGA HYBRID SYSTEM IS DESIGNED FOR RELIABLE UNINTERRUPTED PRODUCTION OF ELECTRICITY IN AREAS WITHOUT ACCESS TO UTILITY LINES OR WHERE POWER FAILURES ARE COMMON.

MOST ATTRACTIVE SOLUTION FOR APPLICATION IN TELECOMMUNICATIONS INDUSTRY, AGRICULTURE, SCHOOLS, URBAN AREAS, HUMANITARIAN ASSISTANCE.



SILENT POWER SOLUTION





NOISE ATTENUATION CANOPY FOR DIESEL POWER GENERATORS KEY FEATURES:

- Reduces the sound emission level and vibrations emerging from the equipment
- Protection from environmental hazards
- Energy production can be located in the urban areas and in the close proximity to the consumers

CANOPY

CONTAINER KEY FEATURES AND ADVANTAGES:

- Vandal-proof housing, hermetic, with thermal and soundproof protection
- Heating System
- Ventilation System
- Exhaust System
- Normal and Breakdown Lighting System
- Fire Alarm System
- Automatic Fire Extinguishing System
- Additional Fuel Tank straps of 500, 1000, 2000lt
- Insulated Panels

CONTAINERIZED SOLUTIONS





Exceptional pre- and post-sales support, decades of experience, high-quality equipment and friendly team working closely with clients make us the trusted partner for those looking for a reliable backup and continuous supply of energy.

KEY BENEFITS:

- RELIABLE POWER
- LOW FUEL CONSUMPTION
- LOW OPERATION & MAINTENANCE
- REMOTE CONTROL
- REMOTE MONITORING LOW EMISSIONS

FOR

KEY APPLICATIONS:

- EMERGENCY
- CRITICAL POWER
- PEAK SHAVING
- CONTINUOUS GENERATION

TRUSTED PARTNERS

ERGA'S PRODUCTS HAVE BEEN ADOPTED BY SEVERAL INDUSTRY SECTORS AROUND THE WORLD INCLUDED BUT NOT LIMITED TO:

- Telecommunications
- Oil & Gas
- Utility Power Generation
- Construction
- Rental
- Mining
- Water Utility
- IT & Data Centers
- Mobile Power Application
- Agriculture
- Distributed Generation
- Transportation Sector
- Emergency Power
- Hospitals
- Banks
- Observatory

CLIENT SECTORS

TELECOMMUNICATIONS

For many years, Erga has been offering single site configuration of the highest reliability to meet and even exceed Telecommunication companies' requirements.

We lend our clients our expertise in identifying site specification requirements, optimizing customizable solutions both technically and economically. We maximize the useful life of critical power equipment through exceptional service, support, and training.

Our Telecom Power Solutions include:

- Diesel Generators with extended operation time and maintenance intervals
- Optimized OPEX & CAPEX for maximum ROI
- Site, Equipment reliability & Service considerations are incorporated early in the design stage
- Containerized Diesel Power Generation
- Extended fuel tank
- Climatized Container Units for extreme weather applications
- Hybrid Systems
- Remote control, synchronization, and monitoring system
- Anti-vandal protection
- Customizable power solution packages



OIL & GAS

Power generation is essential for petroleum and gas processing industry. Oil & Gas production is often conducted in remote areas out of reach of utility power. Power generators up to 2000 kW are often used for processing equipment, drilling rigs and 'working fields'. Typical installations include highly reliable synchronized generator plants that enable for servicing higher loads without affecting process continuity in case of loss of any generator. Our Power Generating Sets are acclimatized to cope with Extreme climatic conditions. Our container enclosures enable efficient and reliable operation at extremely low or high temperatures.

Our generators are designed and built to operate effectively in extreme climatic conditions: from -50° C to 55° C.

We offer:

- Gensets that are reliable and easy to maintain projects
- Truck mounted diesel generators
- Gensets that can be easily installed within complicated projects

CLIENT SECTORS





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