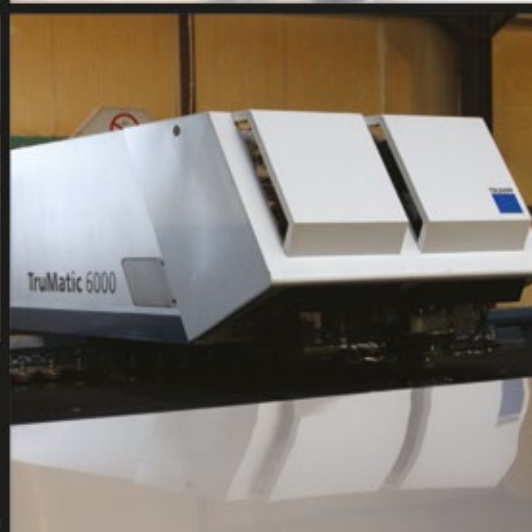


GENPOWER



COMPLETE PRODUCT LINE



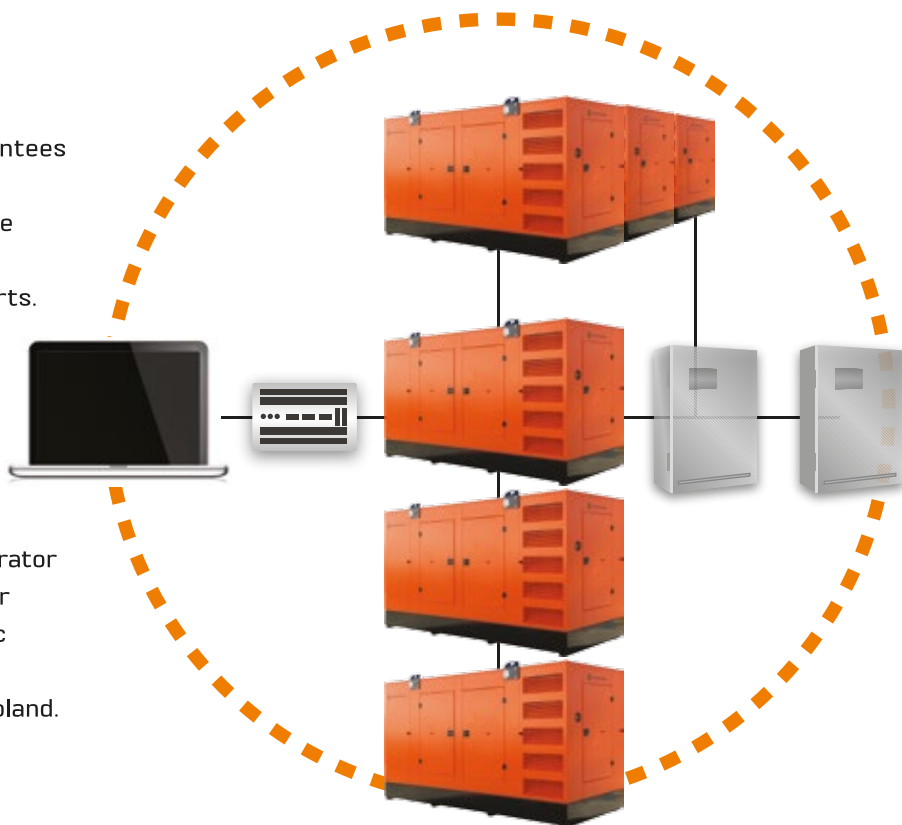
Trusted supplier and local partnership

With over 10 years of experience in the production of Power Generator Sets, we can easily adjust appropriate technology of production, transfer and control of energy needs for our customers – both, continuous – as the main source of energy during the rental in the topmost period, or the entire power complex.

Our distributor network and service guarantees security of power systems independently regardless of the location, at the same time providing fast access to reliable services, engineering expertise and replacement parts.

Fully integrated power systems.

GENPOWER is a pioneer in the design and production field of specialised Power Generator Sets from 2 kVA to 3300 kVA. All the major components, except for engine and electric generator – are designed and produced in several GENPOWER departments within Poland.



What makes us different?

GENPOWER is more than innovative technologies that meet your expectations. The main difference is our staff and customer service.

Relations

In GENPOWER we are in constant contact with people whom you can trust and rely on. Wherever and whenever you need us, we'll be there for you.

Investment profit

GENPOWER, the company operating as a designer, manufacturer, supplier and contractor has a very firm business model that provides financial synergy at each implementation phase of the project. It is a good way to draw the benefits out of our strong balance – reusing income in a full circle enables reaching unprecedented turn from an investment.

Reliability

When you need serious energy source – please be sure that we deliver unmatched reliability. We do what we say and much more – we keep our promises.

Flexibility

We guarantee a quick response on the same day, complex solutions, quick delivery, start-up procedure and 24/7 customer service.

Diesel generator sets

Integrated and established processes of design and production allow us to get unmatched reliability, quality of power supply, evaluated performance and efficiency of work.

Providing strength and performance, both mechanical and electrical, our diesel generator sets are also suitable for use in power plants, to reduce consumption of energy and energy management in commercial and industrial complexes.

Diesel oil powered generators still remain the best choice worldwide in terms of price values for emergency and passive power systems. Supplied by different high efficiency engine manufacturers (Lister Petter, Iveco, Volvo Penta, Doosan, MTU), our generator sets are available in the power range from 2 kVA to 3300 kVA and are known for their fast start-up response during the power cuts. Cooling systems provide guaranteed performance at high ambient temperatures.

Electrical generators used by GENPOWER are the brands recognized around the world such as Mecc Alte, MarelliMotori, Stamford, and Sincro and provide good voltage circuit and a fast engine start-up in various demanding environments such as data centres, health centres and industrial facilities. Our generators are fully controlled by integrated microprocessor control system. It provides a full management, including voltage regulation, set control and protective functions in order to provide:

- Rapid availability of power supply
- Proven reliability and low operating costs
- High efficiency and operational flexibility
- High quality electrical performance
- Well-established service and fuel supply infrastructure

GENPOWER GW-ATS is the perfect solution for planned maintenance and serviceability.

GW-ATS provides monitoring of the generator set, both, on site and remotely as well as engine diagnostics.

The software allows technicians 'communication' with the remote system and determining its status and implementation of various adjustments. The program's interface provides easy access to useful functions of GW-ATS.

- The monitoring of the power generator set via web browser
- Line Graph – provides records of changing conditions and a real-time performance
- Corrections – Operational system parameters alternations
- Control functions – Real-time monitoring and data records in order to simplify testing and diagnosis
- Report generation – Automatically save test data and formats for quick tests reporting
- Error simulations – Simulation of error conditions or system shutdown

Power generator sets 2 kVA to 110 kVA

GENPOWER product range is constantly expanding. Providing a solid and reliable active or reactive power, our latest models are ideal for a wide range of applications, including small businesses, telecommunication, real estate, health care and agriculture.

New types of canopies – unlimited potential

With the contribution from customers and distributors, we have created a new range of generator sets, in the international style, easy to maintain, with CE certification and complying with international standards. Our new sets, with a range from 15 to 40 kVA, powered by Lister Petter engines, provides a quieter and more effective power supply.

Our new series of mid-range generator sets, from 33 kVA to 110 kVA with IVECO engine, offers a robust design, best-in-class control systems. Innovative solutions and customer benefits include high performance, improved and more cost-effective fuel management, GW-ATS and GC-ATS control systems, longer intervals between maintenance works and high quality canopies that provides noise protection at levels higher than those required by EU Directives.

Canopies

GENPOWER soundproof canopies meet even stricter requirements and provide optimal protection against inconvenient weather conditions.

GC 250 type

- Compact and low profile design
- Easy access to all the major control components of the generator for maintenance purpose
- Fully cased exhaust silencer provides security
- Steel construction with stainless steel hardware to assure durability and sustainability
- Many options available for various purposes
- Meets or exceeds EU Directive act UE 2000/14/WE Step 2006
- Doorstops
- External safety emergency stop button



Power generator sets from 130 kVA to 715 kVA

GC 330, GC 410 and GC 440 types

- Exhaust system protection via isolation to increases work safety and efficiency
- Light design with a low noise level in accordance with 2000/14/EC Step 2006
- Use of Zintech and powder paint for corrosion resistance
- Clip-door
- Display panel with lockable front door and shared key.
- High capacity fuel tank
- The inner tube for spillage prevention
- High quality soundproof materials
- Large access doors for easy maintenance
- External safety emergency stop button



Containers for power generator sets from 500 kVA to 2500 kVA

Containers for generator sets are available in two different sizes with the noise level according to the Directive 2000/14/EC Step 2006. Designed with corner fittings for transportation and forklift pocket straps.

- ISO container types in 20' and 40' versions
- Air inlet and outlet acoustic screens
- Sandwich type dampening mineral wool
- Standard or enlarged fuel tanks
- Inner wooden or corrugated metal sheet lining
- Side doors for easy maintenance access
- Internal lighting 24 V or 230 V
- Possible additional fuel tanks and external refuelling, multi-blade dampers etc.



GW-ATS and GC-ATS generator control system

GW-AST and GC-ATS control systems provide a reliable, accurate and cost-effective solution. Only GENPOWER units are available with the GW-AST and GC-ATS.

Integrated digital management system and voltage regulation are not the only standards. There are also analog and digital timers, engine monitoring digital system, smart start-up, battery unit monitoring systems and more.

Power transmission and parallel systems

PowerCommand systems optimise performance and simplify maintenance and service.

ATS systems

ATS system ratings range from 20 to 2000 A and provide monitoring of network and generator, generator start-up, load transfer functions in case of an emergency, backup and optional passive application.

ATS systems are designed to operate in high pressure. They remain resistant for thousands of cycles without charring, pitting and melting of parts. This device do not require periodic maintenance and provides 100% continuity of load.

Parallel operation of generator sets

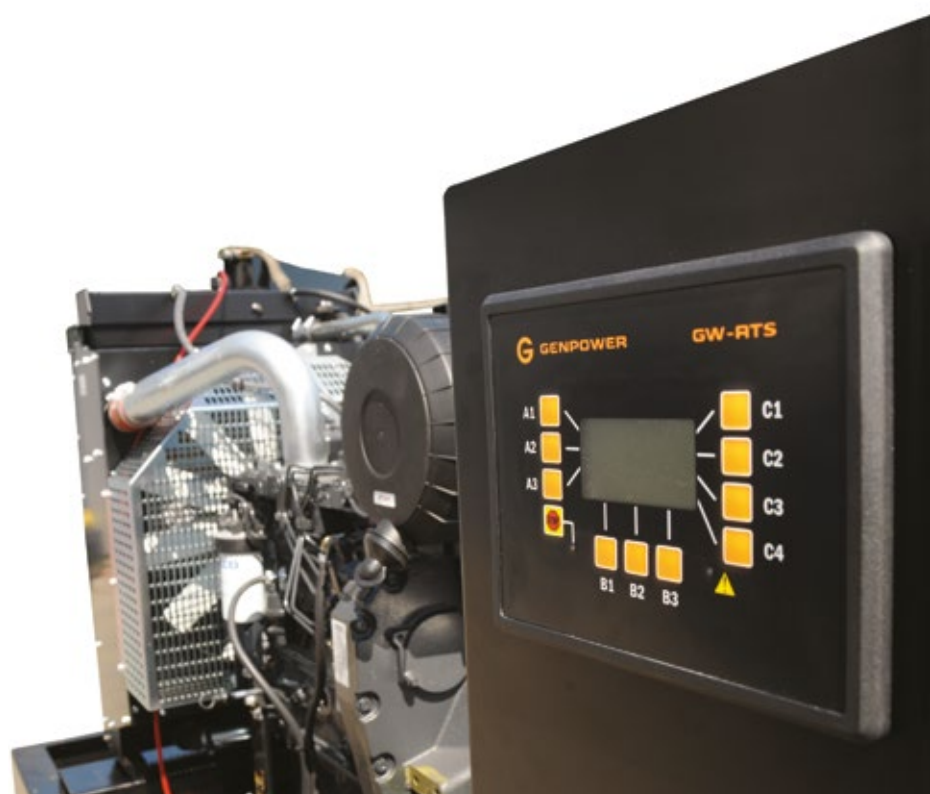
GENPOWER parallel network systems are designed for the specific ATS controller that are tested for reliability and performance in a prototype phase.

Documented reliability and security

Integrated control systems provide fast synchronization. In most cases, any number of units can be synchronized in less than 15 seconds. Additional MRA4 and MRU4 security equipment.

MRA4 is a transmitter that uses the most modern processor technology Dual-Core that ensures precision and reliability, flexible and user-friendly features, specifically adapted for protection of the feeder bays and the outgoing feeders as well as medium-voltage generators.

MRU4 is designed to protect electrical appliances from dangerous voltage fluctuations. Protects against voltage drops caused by a network short circuit and against over voltage following the loss of load or voltage regulator generator failure.



GEN-GSM monitoring and network software

Software and network tools enable us to easily manage local and remote power systems from one location. Regardless of whether you are using a desktop, laptop or a mobile phone – GEN-GSM will help reduce power setup and maintenance time.

GEN-GSM for reliable network monitoring

GEN-GSM allows monitoring of the unit and ATS functions via Internet.

GEN-GSM provides:

- Communication via Ethernet, telephone line or available wireless networks
- Connection via web browser on your PC or MAC
- Mobile, pager or e-mail alert notifications
- Any source voltage and frequency display
- Unlimited number of power sets and ATS systems monitoring
- Display of current alarms and alarm reports
- System safety levels settings
- Monitoring and control system settings according to individual requirements
- Multiple devices monitoring of in a particular location
- Unlimited number of location spots remote monitoring



Rental power generator sets

The fleet of specialised power generator sets available 24 hours a day.

We have a wide range of rental power generator sets, both portable from 2 to 17 kVA, and stationary from 17 to 6000 kVA.

Applications of rental power generator sets

- Construction sites – new electrical installations testing, temporary energy supply or power supply the site
- Outdoor events – all kinds of events, where the set is very often the only source of electricity
- Live shows – great for lighting, sound systems and all the infrastructure – generator sets well soundproofed at the noise level of 59 dBA
- Banquets – increasing demand for power supply often limits available resources. Power sets seem to be the most reasonable solution
- Film sets – transportable power generators equipped with cables and panel boards, specially soundproofed at the noise level of 59 dBA
- Emergency power supply at the time of the factory planned shutdown – 200kVA, 3000 kVA power sets or more – according to requirements. The option of generators sync, external fuel tanks, cables and panel boards
- Emergency power supply for the machinery and equipment – during equipment start-up or testing
- Lights for construction – light towers, attached to a trailer and powered by generator set, are ideal solution for lighting of construction sites, and uninterrupted power supply. Light towers 7 to 9 feet high with power from 4 x 500 W to 4 x 1000 W
- and many more

Standard generator set equipment

- Diesel Engine – Liquid cooling, designed for continuous stand-by running, world renown brands such as VOLVO, LISTER PETTER, IVECO, SCANIA and DOOSAN (depending on power rates requirement)
- Control panel with slots or bus bars to receive the full power of the generator
- Soundproof canopy or container – noise levels from 59 to 80 dBA (from 7 meters distance), weatherproof, designed for outdoor installations
- Automatic, electronic control of engine speed (frequency +/- 0.5%)
- Brushless synchronous generator
- Automatic Voltage Regulator (voltage stability +/- 0.5%)
- Engine warm up system, ensuring fast start-up in subzero temperatures
- Starting batteries
- The fuel tank capacity provides continuous operation from 8 to 50 hours or more

Optional equipment

- External fuel tanks – capacity up to 10,000 litres
- Auxiliary fuel tanks
- Homologated trailer for transportation
- Wires of any length and cross section
- panel boards with different slots – both 3-phase and 1-phase
- GPS monitoring systems

The benefits of rental

- No costs of purchase or sale
- Optimal use of potential
- Reduction of inventory and storage costs
- Ease of equipment acquisition
- Constant technical support
- Easy control over costs and exploitation

Our rental units are covered with 24-hour service with and a very short response time.
All technical surveys of the equipment are free of charge.

Peace of mind with our Enhanced Options Guarantee

Each of our units is covered by the basic warranty on the action throughout the year. For additional protection of investments of our customers we have extended this protection for each major component of our units anywhere in Poland before the basic warranty is complete.

For more details on our Enhanced Guarantee, please contact your nearest GENPOWER dealer.





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