

WhisperPower: Smart Energy Solutions



WhisperPower has a clear and concise mission: To offer smart energy solutions based on the latest generator technology. A vital part of this approach is high-tech 'mechatronic' applications, clever mechanical-electronic combinations that result in durable, energy-saving and compact products. And we excel at making them: WhisperPower systems are a reliable source of independent power supply in vehicles, vessels, homes and companies the world over.

Advanced thinking





The applied combination of advanced inverter technology with permanent magnet based alternators makes it possible to generate AC and DC power at the same time with an engine running at variable speed. As a result, fuel consumption is dramatically reduced as the system completely adapts to the connected electrical load. The advanced power electronics ensure a perfect sine wave power quality, convenient operation and optimum power management (including remote monitoring). Every aspect of the process is focused on making each WhisperPower system reliable, compact and silent, without undue pressure on the environment. This is high-tech power with a glowing future!

## High-tech power generation





Our research and development is based on close cooperation between WhisperPower specialists from prominent European universities and leading companies in the power sector. This gives us a significant edge in making our systems even more compact, quiet and durable. We set the bar exceptionally high when it comes to integrating batteries - including the latest lithium ion generation - adding ingenious monitoring and control systems with remote access, minimising vibration and noise, and designing the most stringent testing procedures. Our rigorous approach guarantees that each WhisperPower product satisfies the most challenging demands and standards.

A large, mature tree with a dense canopy of green leaves stands prominently in the center-right of the frame. It is situated in a vast field of bright yellow flowers, likely rapeseed, which stretches to the horizon. The sky above is a clear, vibrant blue, dotted with soft, white clouds. The overall scene conveys a sense of nature, durability, and tranquility.

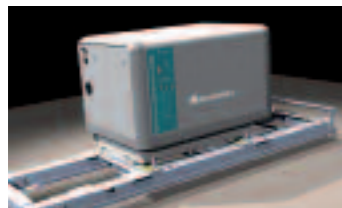
## Research & Development: Durable and hybrid



WhisperPower has an unambiguous approach to production and assembly: Learn from what works, whether our own strengths or those of our partners. We take care of part of the production ourselves using the Lean by Kaizen method. At the same time, WhisperPower cooperates closely with some of the world's finest manufacturers and suppliers. While they produce and deliver parts in accordance with our strict demands, we maintain overall control of the process. This approach guarantees flexible production, offering maximum added value to you as a consumer.



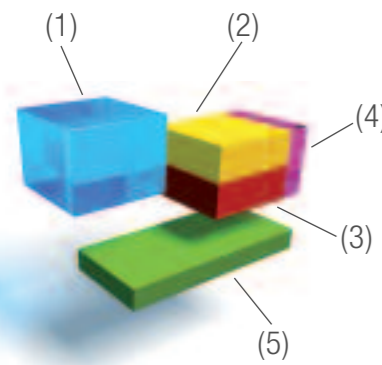
## Smart manufacturing



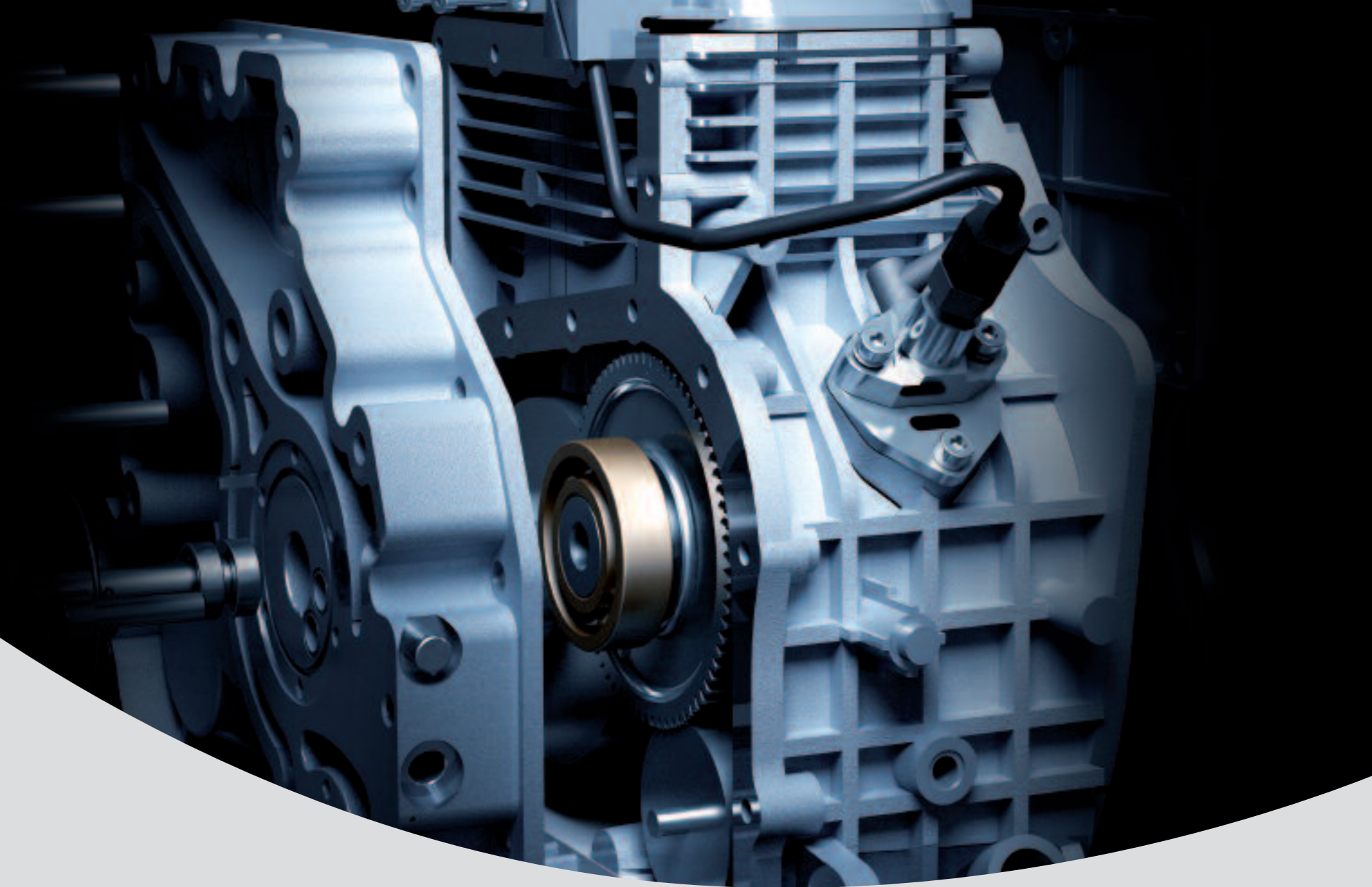
If you need generator power for your mobile application, we have a broad range of solutions - from traditional models with fixed rpm to more recent systems with variable rpm. Available capacities range from 3.5 to 30 kVA, and we will soon have compact generators providing in excess of 100 kVA. WhisperPower also supplies tailor-made solutions should your requirements be more specific. For us, pre-engineering entails providing advice and assistance that facilitates the complete planning of your energy systems. Our specialists are happy to suggest solutions for requirements such as stricter environmental specifications or ABS, GL or DNV certification. We also provide bespoke installation solutions such as handy slide-out rack systems.



## Tailor-made solutions



(4) WhisperPower will soon be able to offer you a compact hybrid power source providing independent all-in-one power. Our new Genverter generation is the perfect synthesis of a diesel generator and comprehensive power electronics, offering a wide range of functions previously supplied by many different boxes. Now the following features are combined in one box for plug-and-play use: (1), integrated power electronics providing AC power from the running generator or battery (2), 3 step+ battery charging for the main battery plus one or more starter batteries (3), built-in AC power management (utility/genverter) (4), a sturdy battery buffer for storage and additional capacity (5).



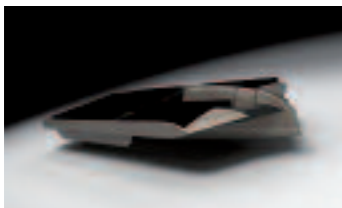
The future is all-in-one



WhisperPower is a socially responsible firm and we live up to our motto: Caring for people and the environment. This philosophy encompasses everything we do, from improving convenience for end users to supporting charities, and is particularly important when it comes to the well-being of our personnel. WhisperPower offers employees far more opportunities and development prospects than comparable companies. Our internal training courses are also designed to ensure a top-notch performance on the part of all our people.



## Caring for people



At WhisperPower, environmental consciousness is always to the fore. Our products are subject to the highest demands in terms of noise, fuel efficiency, emissions, maintenance and recyclability. We have set new standards with our facilities as well as our production and operations, ensuring they are hyper modern and ecologically sound. We care about the bigger picture as well, as shown by our support for projects such as solar powered boat races and the installation of sustainable power systems in developing countries.



## Caring for the environment



At WhisperPower, we are careful about power consumption in our operations and production. We expressly chose to establish our main offices outside the main Dutch conurbation (the Randstad), instead locating in a green area of the province of Friesland (Landstad Fryslân). Sun, wind as well as the very latest geothermal heat recovery system with a total capacity of 250kW supply a major part of the energy our operations consume. We are very proud of our ecological facilities, which you are very welcome to visit. WhisperPower is easy to reach and next to the A7 motorway, which is usually free of traffic jams. This saves energy too - your own.

A low-angle photograph of a modern glass building facade. The glass reflects the blue sky and green trees, creating a grid-like pattern of reflections. The building is set against a clear blue sky.

## Green facilities



Why are WhisperPower generators a truly smart energy solution? Because we offer more than just a box containing a device. We excel at providing you with the necessary know-how and support: Expertise from our technical service, knowledge from our customer support team, training for electricians and maintenance engineers, and advice and direct support for systems design and pre-engineering. We deploy these services via a network of experienced partners that ensure global service and distribution. This includes Mastervolt, which is an important intermediary for our products, accessories and field support.



## Education, service and support



WhisperPower will soon achieve a leading position in the field of generators. Our success is largely based on the experience and expertise accumulated in-house over many years. The sound foundations of WhisperPower were laid more than two decades ago by Roel J. ter Heide, co-founder of Mastervolt, a pioneer in the power business and a constant source of energy and inspiration. Together with a team of specialists, Roel continues to define the goals and perspectives in terms of product improvement and manufacturing efficiency. What's more, WhisperPower's core team has stayed together since the beginning, ensuring unparalleled operational continuity. This is the secret behind the smart energy solutions that we look forward to providing for you.



## Over 20 years of expertise

**Colofon:** Concept: Guus Vonk / Wim van Eeden

Copy: Guus Vonk / Roel ter Heide

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DTP: Mock-up & Make-up