



FG Wilson  
**Corporate Profile**

“Power For A New Generation”

[www.fgwilson.com](http://www.fgwilson.com)

A photograph of an industrial facility, likely a power plant or refinery, featuring large metal pipes, walkways, and machinery. The scene is dimly lit, with some lights visible. A large blue graphic overlay is positioned in the foreground, containing white text.

**FG Wilson** is all about **relationships** - Strong relationships with you our **customers**, our **dealer network** and **suppliers**.

# ELECTRIFYING THE **WORLD**



There are many ways to store or produce energy but when it comes to guaranteeing standby or emergency electrical power, in terms of cost, flexibility and responsiveness, there's no better option than a generator set from FG Wilson.

Our products range from ready-to-run generator sets to complete bespoke turnkey power systems with remote monitoring, all with lifetime product support from our dealers.

Based in the UK for over 50 years, FG Wilson has worked together with a multitude of customers in all environments globally and since 1990 have installed more than 600,000 generator sets around the world, with as much combined power generation capacity as the entire UK power grid.

# WORLD CLASS PRODUCTS

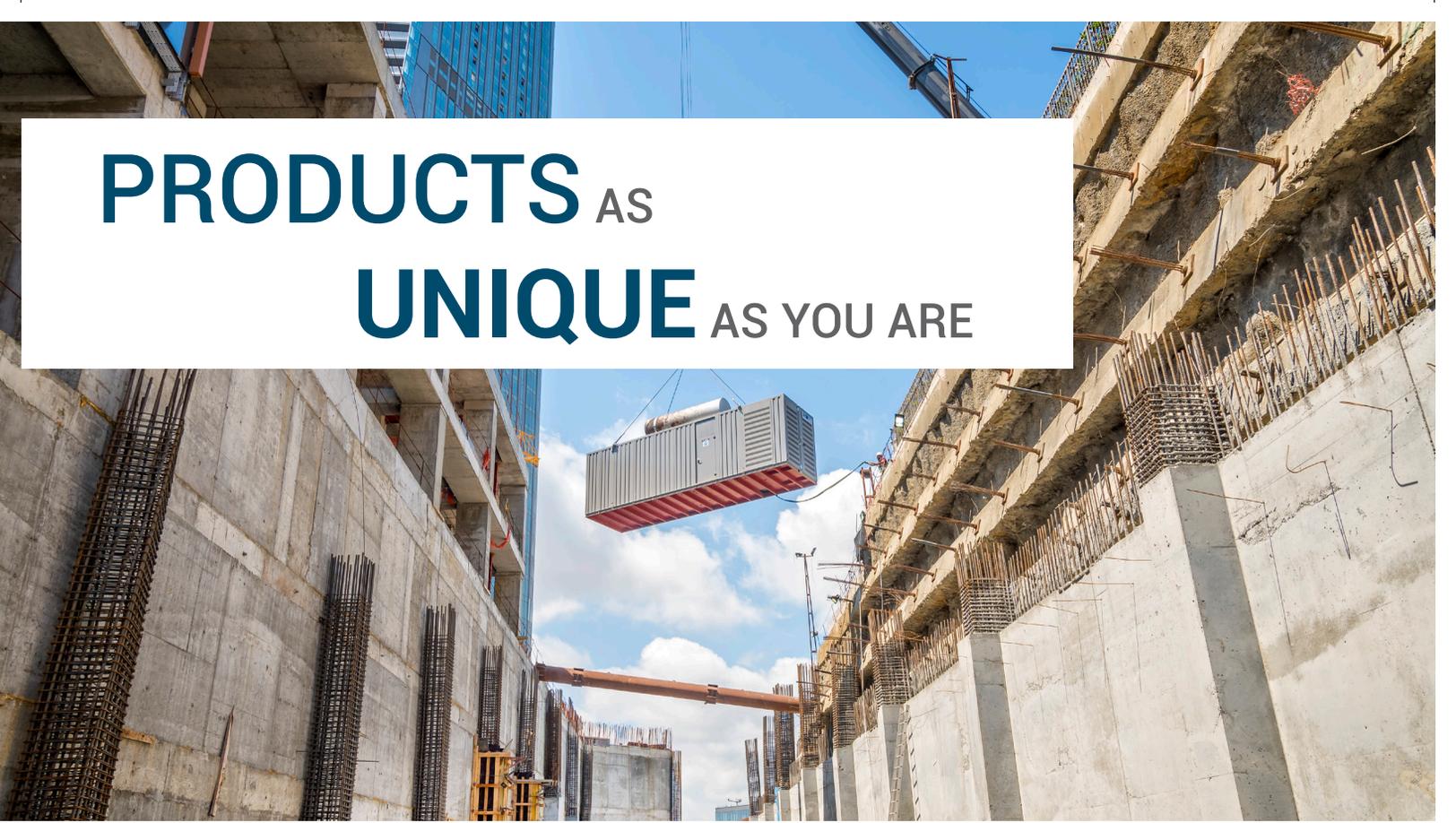


In the early 1980s, FG Wilson was among the first to bring mass-scale production to generator sets. Today our designs have moved on into a new century and that philosophy of our founders remains as strong as ever:

***Self-contained generator sets which are easy to install and operate, designed for a long and productive working life and which represent value for money.***



The FG Wilson product range covers power outputs from 6.8 – 2,500 kVA. An extensive list of options means that our standard range can be configured in a huge number of ways. From day one, we've always thought of a generator set as an entire package. This kind of thinking has helped us do some truly innovative things, like being one of the first volume manufacturers to integrate an entire generator set package inside the enclosure, well over 30 years ago.



# PRODUCTS AS UNIQUE AS YOU ARE

Some of our customers can walk into a dealership and drive away with a ready-to-run generator set, while for others it's a major project. That means working with consultants on load requirements, finding the right generator set, designing the complete layout of the plant room including exhaust and fuel systems, installation and commissioning.

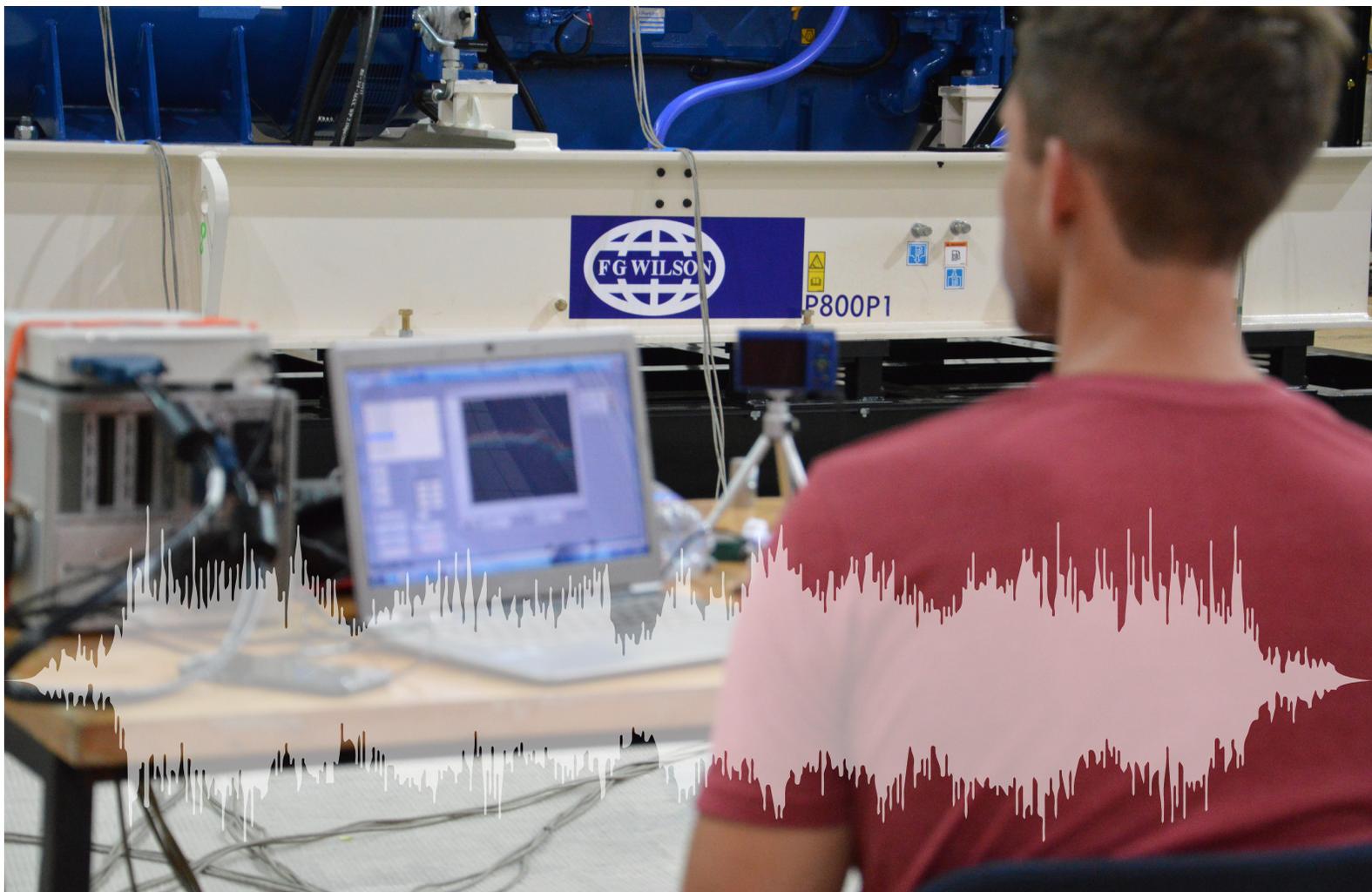
***When you entrust your power project to us, you receive the full support of more than 300 skilled technicians who nurture your project from initial design and manufacture through to installation and commissioning.***

That ability to design bespoke power projects has always been a core element of FG Wilson. In the early 1970s, FG Wilson built a strong name designing, building and commissioning mini power stations in the Middle East, often in very inhospitable operating environments.

# SEISMIC CERTIFICATION

In many parts of the world, seismic certification is becoming a key requirement for generator sets, especially when they are installed in large buildings or facilities in urban areas.

Working together with our dealer FGW Jeneratör, we achieved full IBC seismic certification in 2015 on our P800 and P1700 generator sets. This year we will also have full IBC seismic certification across our 730 – 2500 kVA range at 50 Hz.





Our manufacturing facilities are based in Europe, India, China and Brazil, which ensures we build our products close to our customers. Every generator set is designed with our unrivalled engineering expertise and coupled with our innovative production methods to deliver power systems with outstanding quality and reliability.

Every facility manufacturing our products operates to the same best-in-class standards with common processes and management. All have ISO 9001 and ISO 14001 certification of our manufacturing and environmental standards. This means that our products and services are safe, reliable and with world-class quality.

***All FG Wilson products worldwide, are fully supported by the FG Wilson warranty programme and by your local FG Wilson dealer.***



The FG Wilson **Universal Power range** has been designed with a strong focus on operating costs. It's perfect for telecoms users or indeed for anyone who needs to install a generator set in places which are remote or difficult to access.

From top to bottom, the range is designed to make life easier for you:

- » **1,000 hour service intervals mean you need to make fewer site visits**
- » **600, 1,000 & 2,000 litre fuel tanks so you need to refuel less often**
- » **Three levels of sound attenuation ensure that the range meets local noise regulations and that you can choose the enclosure which is right for your needs**
- » **New LCD control panels with optional remote communications make day to day operations simpler**
- » **The ability to monitor units from the Telecom NOC maximises uptime and means you can prepare for more effective site visits**

The range has undergone rigorous validation testing and is built for a long and productive life.

# **POWERING** THE MOST **REMOTE** LOCATIONS



# PROFESSIONAL RENTAL OPERATOR

Designed for users seeking lower cost solutions to meet their temporary power needs, our dedicated Professional Rental Operator (PRO) range provides fuel efficient, easy to operate and robust generator sets ideally suited to meet the rigorous requirements of your temporary power needs globally.

Providing a flexible solution, the PRO range can be easily switched between 50 and 60 Hz, while maintaining emissions and noise certification at both frequencies, allowing one machine to satisfy varying load requirements across diverse applications.

Additionally our fully sound attenuated rental enclosures provide excellent noise reduction ensuring their suitability for residential projects.



## Key Features:

- » EU IIIa compliance
- » Fuel optimised offering
- » 50 Hz / 60 Hz switchable
- » Viscous clutch fan drive\*
- » Exceptional noise performance
- » New PowerWizard 2.1+ panel

# CONTROL

IS EVERYTHING

*“our panels might be complex on the inside,  
but on the outside you’d never know it”*

We've always believed that control systems are among the most important components of a generator set. From the outset we've focused on designing reliable and intuitive control panels which our customers are comfortable working with.

FG Wilson generator sets come with a full range of plug and play digital, automatic and synchronising control panel systems.



## Our control and load management options include:

- » Multiple generator set synchronisation
- » Co-generation mains parallel
- » Intelligent transfer systems
- » Human Machine Interface (HMI) displays
- » Utility protection
- » Remote monitoring
- » Sophisticated high-end building and load management controls assembled around Programmable Logic Controllers (PLCs)

# INSTANT RESPONSE

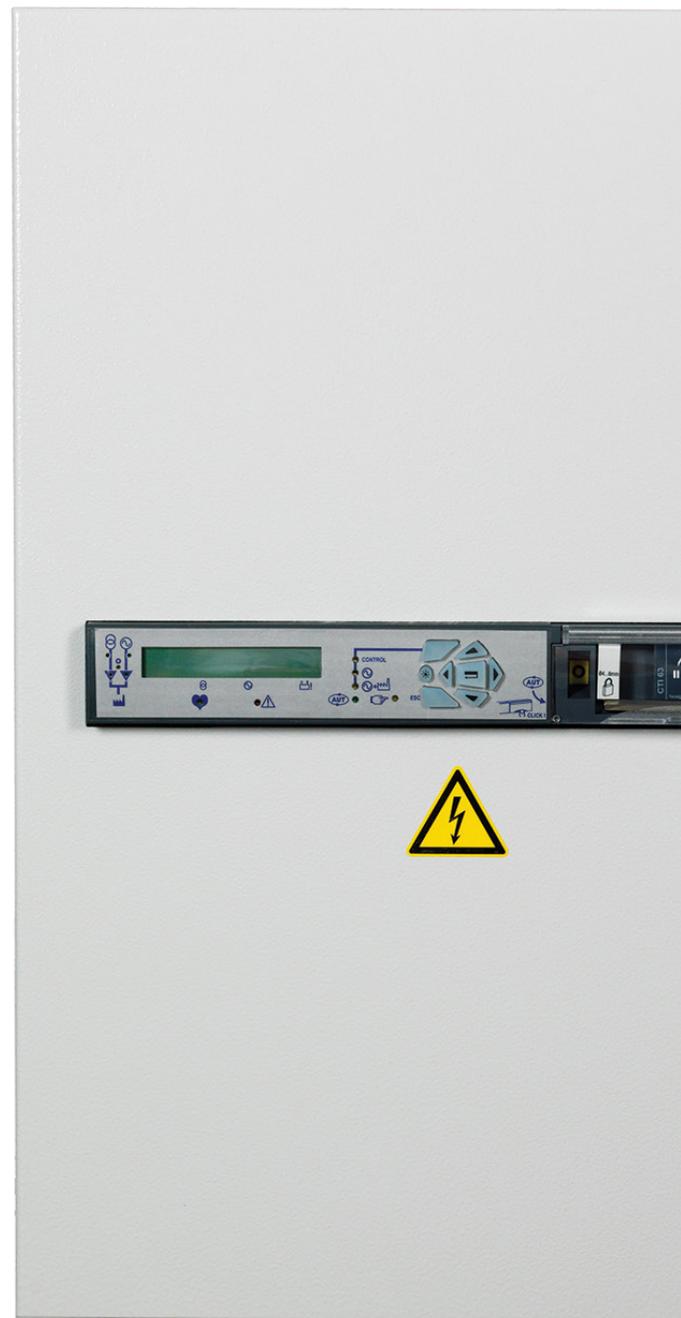
The FG Wilson range of intelligent Load Transfer Panels constantly monitor the quality of your mains electricity supply and respond immediately to any power outages. With flexible, upgradeable options and a high level of functionality, FG Wilson transfer panels give you automatic control of your generator set 24/7, 365 days a year.

## Features

- » Automatically provides generator set start on detection of mains failure, overvoltage or loss of phase
- » Automatic mains re-transfer function
- » Flexible, upgradeable options
- » Test operations / sequences via panel or remotely
- » Manual switch operation
- » LED functions display showing generator set / mains availability and switch position
- » LCD display for voltage and timers
- » Load transfer panel range meets ATS IEC 60947-6-1 standard

## Benefits

- » Pre-programmed enabling the panel to run on installation with the ability to customise if necessary
- » Fast acting switches reduce transfer times between generator set and utility power
- » Available from 63 – 3200A
- » Seamless integration with FG Wilson digital control panels



# FG Wilson

## MORE THAN METAL



When you buy an FG Wilson generator set, you can be confident that it has undergone extensive prototype and validation testing. Before a new product reaches one of our customers, it has seen rigorous testing on load acceptance, cooling, vibration, noise and water ingress. We don't accept performance data without validating it ourselves in the environmental conditions which our products will see. When you buy one of our products, we can safely say that wherever it will be operating, it will have been tested for that environment.

***Our validation facilities include Europe's largest fully automated hemi-anechoic chamber with state-of-the-art acoustic research and test capabilities.***



# LONGLIFE PRODUCTS LIFELONG SUPPORT

*Our dealers are all trained and supported by us, which makes them experts in serving product maintenance needs, including emergency breakdown coverage and routine servicing.*

Developed over 50 years, we have a local network of dealers on every continent, supporting our customers with everything from product selection to installation and a lifetime of service.

This means just one call for technical advice, genuine parts and all ongoing maintenance support.



# GENUINE PARTS

*Make your investment go further by ensuring you always use FG Wilson Genuine Parts. FG Wilson Genuine Parts are designed to complement the other components of your generator set, optimising product performance, fuel efficiency and life span.*

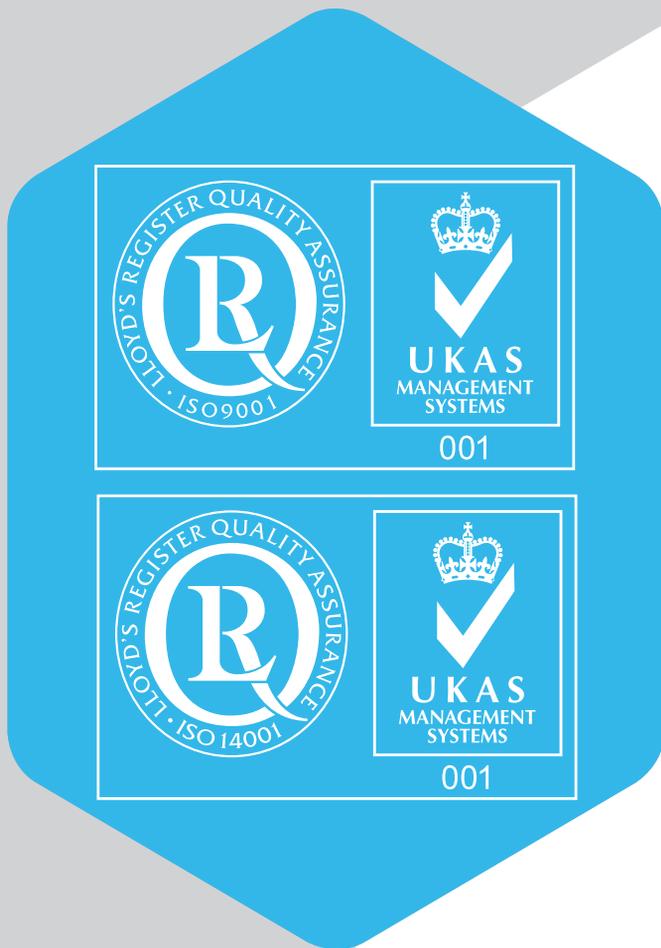
All FG Wilson Genuine Parts are fully tested by us and come with our standard warranty. They connect seamlessly with all the other components of your FG Wilson generator set and are fitted by our fully trained dealer network who have full access to our electronic technical library. Dealer support is backed up by a parts operation stocking more than 12,000 parts products and delivering up to 2 million parts a year to customers on every continent.

# WHAT MAKES FG WILSON DIFFERENT?



- Our products and how we design them
- Our local dealer coverage
- How we support our products all through their life time

# QUALITY COMES AS STANDARD



Since 1990 we've installed well over 600,000 generator sets with a total capacity of almost 90 GW - more than the total installed mains electricity capacity of a country like the UK. With that number of machines across the world, we take no risks with quality.

This means we only buy components which we have carefully tested and that we work with world-leading manufacturing processes, right through to extensive post production testing and pre-delivery inspections. No one is more serious about quality.

All our manufacturing facilities have been awarded ISO 9001 and ISO 14001 certification in recognition of our manufacturing and environmental standards. This means that our products and services are safe, reliable and of world-class quality.

With enterprise-wide manufacturing standards such as MQ 12005 Gold and Caterpillar Production Systems (CPS), we use efficient manufacturing processes to produce cost-effective, quality products.

Our facility in Tianjin, China, has also been awarded LEED Gold certification (Leadership in Energy and Environmental Design) for its environmental standards and energy efficiency.



## UNDERSTANDING YOUR **CUSTOMER NEEDS**

At FG Wilson, we've been building and installing generator sets for half a century. The most important things we've learned in that time are that every project has its own individual needs and that working through a project means not just building the metal but also building relationships and understanding people who work with generator sets.

***Once you start using our generator sets on-site, you'll see that they are robust, highly corrosion resistant, fully weather resistant and allow easy access for maintenance.***

When your power needs are more challenging than normal specifications, FG Wilson's Power Solutions Team is dedicated to providing bespoke solutions to meet complex power needs on a project-by-project basis. Our Solutions offerings include diesel, gas, bi-fuel and high voltage generator sets. Key generator set systems including generator controls, PLCs, synchronising, cooling systems and enclosures can all be customised to suit any requirement.





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