

PowerWAVE Generators



Single and three-phase standby generators.

24/7 standby power.

Total power protection solutions

No longer simply a back-up plan, critical power protection is an essential requirement of every business. If critical applications must be available at all times, without downtime, then a standby generator is the only practical source for long-term power protection during an extended mains outage.

Part of the Kohler Company's Global Power Group, UPS Ltd leverages Kohler's technical leadership in the global generator industry to provide a comprehensive range of standby diesel generators to deliver reliable power when it's needed most.

PowerWAVE generators

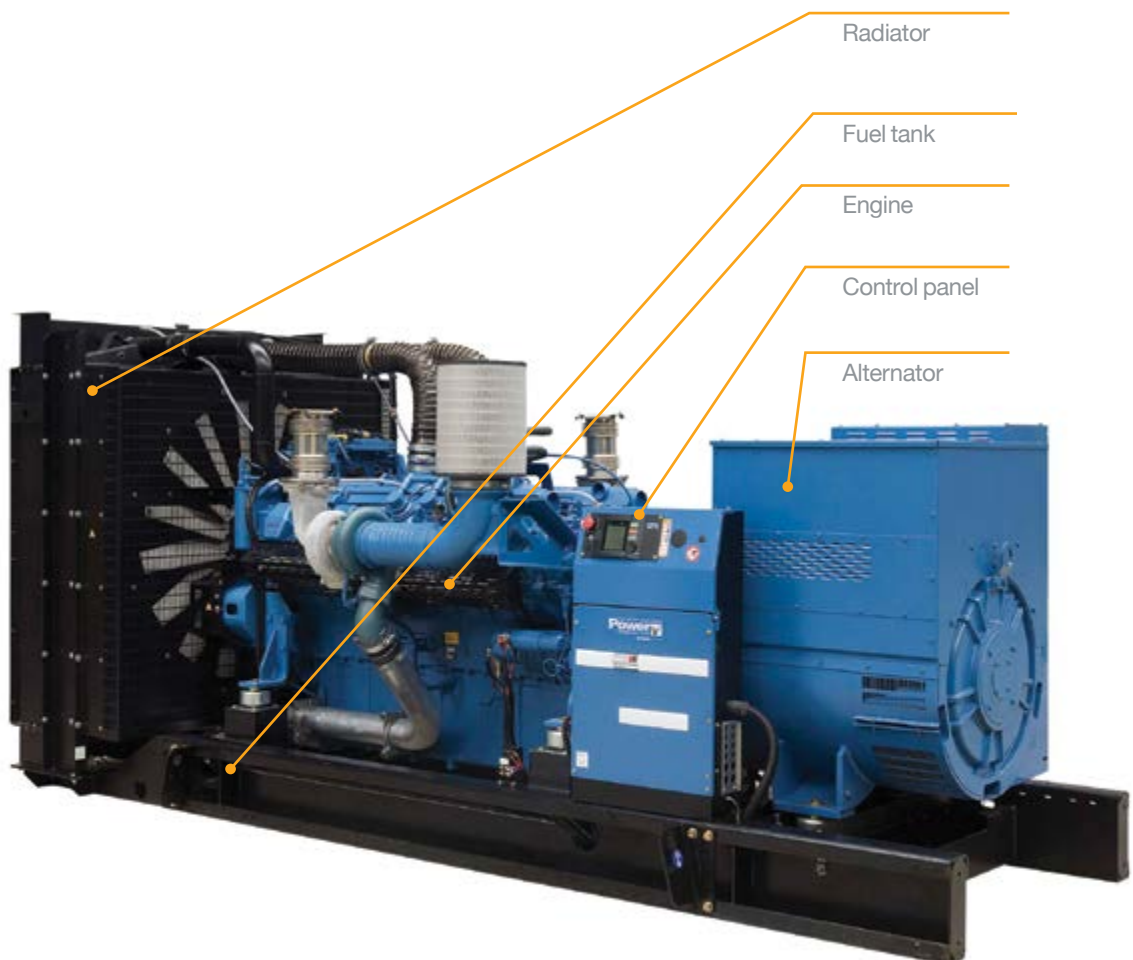
Standby generators for total power protection

Integrated PowerWAVE Generators and UPS systems

Fully matched solutions for true, 'no-break', total power protection

Single source installation, technical support and service

A truly turnkey, one-stop-shop for standby power





Standalone generator

Whether it's a standalone generator or a generator and UPS combined as a total standby power solution, UPS Ltd supplies products engineered to the highest specifications for today's commercial environments.

The PowerWAVE generator brand stands for high reliability, low cost and durability. Whether you buy a single generator or a complete solution, all products have the backing of comprehensive technical support, commissioning and maintenance services with excellent service delivery.

One-stop-shop – installation and services 'turnkey' solution

UPS Ltd's turnkey UPS and generator package guarantees both systems are fully matched, which ensures a true no-break supply in the event of a power failure. Turnkey supply and project management ensures the correct sizing of the generator set with respect to the UPS and critical load. Our fully trained service engineers will test the complete installation to verify system integrity, removing the problem of demarcation between different suppliers.

Reliability and durability

PowerWAVE generators are highly reliable. We only supply products that we know are going to be with you a long time, which will never fail to provide you with back-up power whenever you need it. PowerWAVE generators offer leading-edge control panel technology, versatility, durability, operation and maintenance. Weatherproof enclosures, for example, and protective coverings for vital parts, reduce wear and tear and aid longevity.

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Single and three- phase standby
generators. 24/7 standby power.

Acoustic enclosures

Noise compliant to latest EC directive

2000/14/EC

Integral bunded fuel tanks

UPS Ltd's range of acoustic enclosures has been designed to withstand even the harshest and most extreme climate conditions. Their compact design has been developed specifically to save space and costs – a plus for today's streamlined business environments. They are highly transportable, easy to install and due to their integrated cooling system, sound attenuation and silencers are completely self-contained.

Bulk fuel tanks

Environment Agency PPG02 compliant

Content gauges and overfill alarms

'Bunding', in a fuel tank, minimises the risk of spillage and offers total security alongside compliance with Environment Agency PPG02 regulations for the storage of diesel fuel. We can provide a wide range of bunded fuel tanks, ready to use. All our tanks are available in different specifications, depending on customer and site requirements. The correct installation of bunded fuel tanks is just as important as the quality of the tank itself. Using single or double-skinned pipework, our team of experts install and test bunded fuel tanks to ensure they are fully compliant with applicable regulations and in complete working order.

Bespoke acoustic packages

Plantroom attenuation

Acoustic enclosures / containers

Every installation is different and some require bespoke acoustic engineering. At UPS Ltd, we've made it our business to design solutions around the customer and this is evidenced by our ability to customise acoustic packages that include container design, plantroom design, groundworks, mechanical installation, cabling, pipework and associated works required to meet the exact requirements of the installation.

All sets available open or canopied.

PowerWAVE T series

Single phase (8–17 kVA)

Three phase (11–22 kVA)

Powerful series of standby generators available in 6 models for single and three-phase business applications. Each generator is built with a high performance Mitsubishi engine for reduced noise pollution and improved fuel efficiency. Available as an 'open' generator or within an acoustic enclosure to further minimise noise emissions. Standard and DW24 tank options.

PowerWAVE J series

Three phase (22-250 kVA)

Series of three-phase UPS generators providing power from 22 to 250 kVA. Each generator is powered by a John Deere engine for reliable backup during power failures. Bunded fuel tank minimises diesel spillage, with additional fuel tank capacity to extend run time. Models available for commercial and industrial use. Standard, DW24 and DW48 tank options.

PowerWAVE V series

Three phase (275-700 kVA)

High specification range of UPS generators providing 'turnkey' backup power with TELYS control panels fitted as standard. Each generator is powered by a Volvo engine. Built-in fault-finding tools and remote operation for a reliable power supply during mains failures. Available 'open' or within a weatherproof enclosure for added protection from the elements. Standard and DW24 tank options.

PowerWAVE D series

Three phase (275-830 kVA)

Power products generating set, equipped with a DOOSAN engine. Standard and DW24 tank options.



Your choice of control

Most generators supplied by UPS Ltd have a choice of control panel options. Generators these days are extremely reliable with almost all enabling both automatic and manual operation. The choice of an appropriate control panel is therefore down to how much additional monitoring is desired. A more advanced control panel offers enhanced user-friendliness and diagnostics capability. It does all this with a reduced number of buttons, thus simplifying operation.

Changeover panels

UPS Ltd provide a choice of two high quality automatic changeover panels – the VERSO 100 and 200 – to enable automatic start-up of the standby generator and safe, fast transfer of the load in the event of a mains power cut. When mains power is restored, these changeover panels will automatically disconnect the generator and connect the load back to the mains.

The VERSO 100 is rated for applications from 35 to 160 amp.

The VERSO 200 is rated for higher applications from 200 to 1600 amp and has the additional benefit of an LCD, allowing the voltage and frequency parameters on both the mains and generator sides to be simultaneously displayed.

APM 303 control panel

Entry level control panel

LCD screen for basic engine and alternator operational parameters

LED alarm and fault indication

Our entry level product is the APM 303 panel. APM 303 is fitted as standard on all PowerWAVE T and J series standby generators. It provides both manual and automatic operational control of the generator and provides a basic indication of operational parameters, as well as alarm and fault indication via its standard LCD screen. Additionally, LED indication of alarms and faults are also provided.

TELYS control panel

Advanced control panel

Simplified operation

Large backlit LCD makes engine/ alternator parameters easy to read

Built-in fault-finding tool

Enhanced communication

Integrated maintenance monitoring programme

The more advanced TELYS panel offers enhanced operational user-friendliness and a diagnostics capability. The combination of its large backlit LCD screen and its ability to adjust the contrast to ambient light conditions makes operational parameters easy to read. Additionally, the generator can be controlled and operating parameters viewed remotely – without the need to install specific software – via USB, Ethernet or RS485 ports. TELYS also has a built-in fault-finding tool for fault or alarm diagnosis. TELYS is fitted as standard on the PowerWAVE V series of generators, but can be factory fitted in place of the APM 303 to provide enhanced capability to the PowerWAVE T and J series generators.



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