

# WB POWER SERVICES

POWER YOU CAN TRUST



**HIRE**  
GENERATOR AND ANCILLARY EQUIPMENT  
HIRE FOR ONE-OFF EVENTS, PROJECTS,  
EMERGENCIES AND ROLLING CONTRACTS.



# OUR AWARDS



# PROVIDING CRITICAL POWER SERVICES FOR MORE THAN 40 YEARS

**WB Power Services (WBPS)** was first established in 1983 and since then we have grown significantly in size and service capability. Today, we provide critical power services to some of the UK's most important businesses and organisations, ensuring essential services are protected across data centres, hospitals, schools,

government sites and other commercial operations. As a family-founded, owned and run business, we are proud to retain our family values on a national scale as we strive to be the biggest and the best power generation company in the UK.

#### **DELIVERED BY SPECIALISTS**

We have dedicated teams for power solutions, generator maintenance and hire, as well as engineers, project managers, consultants and logistics coordinators who are directly employed by us. It means there are no sub-contractors or middlemen. Just specialists with a wealth of knowledge and expertise offering a complete solution that's as bespoke as your needs.

#### **PARTNERS IN POWER**

For more than three decades our company ethos has been to build up long-standing customer relationships as not only a service provider, but as an extension of your own team. Our wide portfolio of relationships lasting decades is a great testament to this. As is our ability to provide an industry-leading 24/7 365-day service that's rapid, reliable and cost-effective. It's why, unlike other suppliers, we manage all our own equipment, transport and logistics ourselves. So, we can always deliver exceptional service standards no matter what you need or where you are.

#### **HIRE EXACTLY WHAT YOU NEED**

Whether you need a power supply in an emergency, short-term or long-term project, we have a fleet of high-spec generators available, 24 hours a day, 7 days a week, 365 days a year. If you need transport, fuel tanks, load banks, cable distribution, traffic management or UPS, we can help with all that too. We understand that every job is different, so we offer plenty of flexibility – you can hire for any amount of time that suits your needs.

**NEED POWER IN AN EMERGENCY?  
OUR 24-HOUR HOTLINE IS  
AVAILABLE 7 DAYS A WEEK.**

# WHY CHOOSE US?

#### **Emergency support**

We have a national emergency response telephone line that supports you 24 hours a day, 7 days a week, 365 days a year.

#### **Reliability and availability**

We have a highly-skilled and accredited team and a wide range of equipment, spare parts, and components to ensure quick product despatch when you need help most.

#### **Sector expertise**

We are proud of our years of experience supporting businesses in a wide range of sectors including large UK-based data centres, hospitals, banks and utility company's headquarters.

#### **Design and consultancy**

Our full turnkey solutions mean we can identify, install and commission the best solution for you from 10kVA to 8MVA.

#### **Installation and project management**

In the most cost-effective way, we will install and fully project manage your new power solution to the exacting controls and standards required using our accredited ISO system.

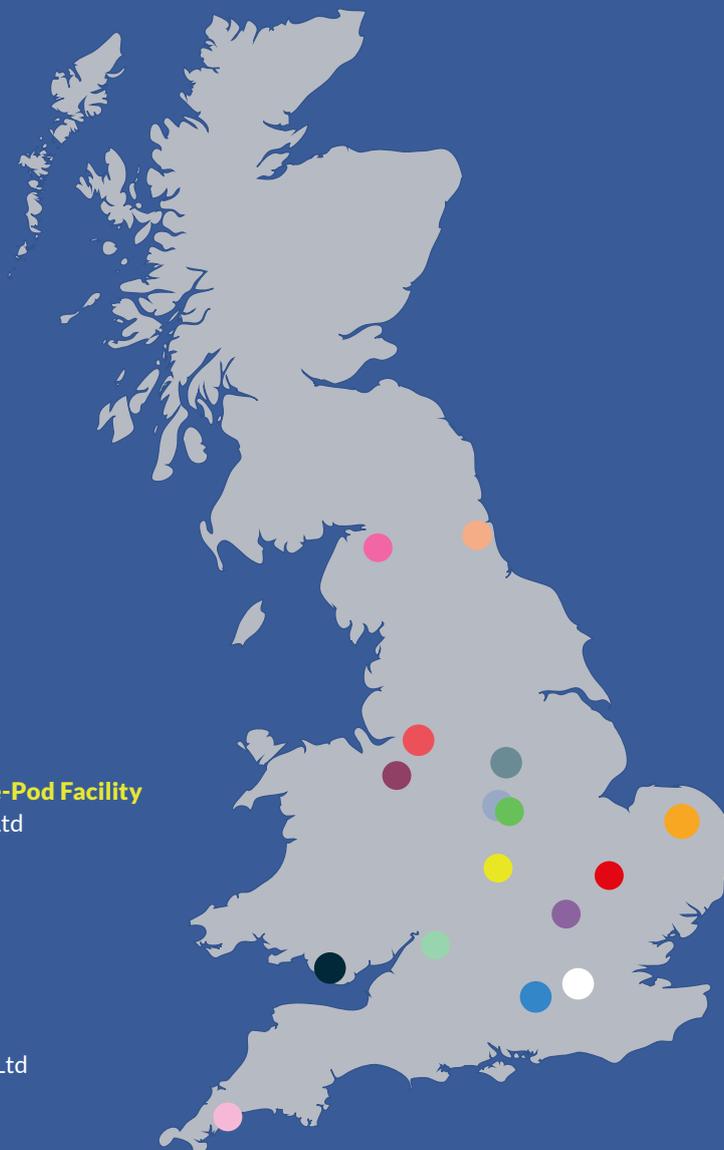
#### **Sourcing and supply**

We have supply agreements with international manufacturers so you can be confident you will get the best solution and that our spare components meet the manufacturer's OEM specification.

#### **Whole life asset management**

We offer all customers an asset management solution to help maintain the integrity of your back-up supply for as long as you have it.

# NATIONWIDE COVERAGE



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0115 9444 422

# OUR HIGH-SPECIFICATION GENERATOR HIRE FLEET



We have spent years continually investing, so today we have a large rental fleet of sound attenuated diesel generators and Uninterruptible Power Supply (UPS) solutions. All our equipment is top specification and fully maintained so you have total peace of mind.

## PEACE OF MIND

The need for constant power means an out of commission generator or the failure of the mains power supply can quickly develop into a major situation. To help avoid a crisis, we have established a wide range of sound attenuated, diesel generators, from 20kVA to 3500 kVA, with internal 8-hour fuel tanks. Larger units have synchronising capability meaning our largest available package is over 24MVA.

## FLEXIBLE CONTRACTS TO SUIT YOUR NEEDS

Everything is available on long or short-term rental contracts. Whether it is for planned routine works or reactive emergency situations, our service team can manage the logistics from the delivery, through to the commissioning of any temporary hire systems. This service includes the on-site assessment for installing a temporary generator in a safe and sustainable manner.

## UPS TO BRIDGE THE GAP

Depending on your installation, a standby generator may take between 5-60 seconds to take your building load. That is when a UPS or Uninterruptible Power Supply system steps in, helping avoid damage and loss of data. To make sure you get a rapid and reliable response when you need it, we offer hire of UPS units, backed by a 24-hour, 7 days a week, emergency call centre.

Our fleet portfolio includes:

- 1100 DIESEL GENERATORS, RANGING FROM 20KVA – 24MVA (AS PART OF A MULTI-SET SYNCHRONOUS PACKAGE)
- HYBRID GENERATOR RANGE
- LARGE STOCK OF FUEL TANKS, CABLES, DISTRIBUTION & TRAFFIC MANAGEMENT SOLUTIONS
- LOAD BANK HIRE AVAILABLE
- HIGH POWERED UNITS AVAILABLE FROM 750KVA TO 3500KVA
- MID-RANGE FROM 200KVA – 650KVA
- SMALLER SETS FROM 20KVA – 150KVA



# REMOTE MONITORING USING THE LATEST TELEMETRY SYSTEMS

Using the very latest telemetry systems, we can remotely monitor the operation of your hire generator sets while operating in an unmanned location. These controls and measures monitor fuel, oil and coolant levels, oil pressure, operating temperature, battery status and power output. The system also helps to ensure the smooth running of essential or back up power without having to send an engineer regularly to site.

These controls can seamlessly monitor the following things:

- FUEL & COOLANT LEVELS
- OIL LEVELS & PRESSURE
- OPERATING TEMPERATURE
- BATTERY STATUS
- POWER OUTPUT



# SPECIALIST CONTROL CAPABILITIES

## PEACE OF MIND

Our machines can be configured to offer additional resilience for critical suppliers such as data centres, healthcare markets, utilities providers and even live events. Coupled with our remote Scada monitoring system, we are able to provide our clients with real time status, alarms and control, giving them peace of mind.

Applications include:

- GENERATOR TO GENERATOR LOAD SHARING
- ON LOAD DEMAND SCHEMES
- G99 COMPLIANT MAINS SYNCHRONISATION & DECOUPLING
- PEAK LOPPING
- DEAD BUS SYNCHRONISATION
- CONFIGURABLE PLC SOFTWARE



# HYBRID GENERATOR HIRE

## KEEP THE POWER FLOWING 24/7

Our range of lithium iron phosphate (LiFePO) hybrid generators, when used in conjunction with a back-up or prime diesel generator, provide efficient and uninterrupted power sources across a vast array of sectors, but at a lower cost and in decreased emission levels. Couple this with the ever increasing cost of relying purely on traditional fossil fuel power systems, and it's easy to see why many businesses are looking for smarter solutions which provide increases in efficiency, reliability and long-term cost savings.

## OUR RANGE OF HYBRID GENERATORS

WB Power have a fleet of over 60 hybrid generators at its production facility, including 30kva, 3-phase, generators with 45kw of usable battery power and a range of rental equipment that can be configured in various ways to cover a vast number of applications.

Easy to use and fully efficient, the NetZPack is also equipped with a full monitoring and data platform to ensure you are kept informed with its performance at every stage. Notifications and email alarms can also be set up to let you know if there are any problems with power on site.

There are many benefits to choosing a NetZPack, which include:

- INCREASED GENERATOR EFFICIENCY
- REDUCED CO2 EMISSIONS AND CARBON FOOTPRINT
- REDUCED GENERATOR MAINTENANCE COSTS
- CAN BE USED WITH EXISTING MAINS SUPPLY OR BACK-UP GENERATOR
- CAN PROVIDE SUPPLY REDUNDANCY

Committed to delivering only the best solution for our clients, at WB Power we also perform a full site set-up, including suitable customised housing to ensure you get the most from your unit.



## OUR STAGE V FLEET

Here at WBPS, we are home to a fleet of Stage V generators that range from 20-550kVA. To be Stage V compliant, our engines incorporate an after-treatment system to provide the required filtering efficacy. Kohler and its products have achieved this by integrating different systems to help reduce microparticles and nitrogen oxide.

Working in partnership with Kohler, the leading provider of engines, WBPS continues to provide a fleet of Stage V generators and UPS products, that work to minimise emissions while maximising the performance of your machine.

As a supplier of turnkey critical power infrastructure, from single generators (10kVA to 4.5MVA+), to large multi-synchronous packages, WBPS has built up a large fleet of over 1000 'Rental Compact' Kohler generators, allowing customers to hire the exact units wanted, for the time needed.

## KOHLER® STAGE V RENTAL GENERATORS

The new series of rental generators uses Kohler and John Deere engines with low fuel consumption. This results in low operating costs, especially for gensets providing continuous power production. The power range starts with the Kohler engines driving a 20 kVA to 50 kVA Standby Power (ESP) generator set. For higher power capacity, this range offers John Deere engines for generator sets with a 110 kVA to 550 kVA ESP.

## OUR LINE-UP OF STAGE V GENERATORS:

Our line-up already includes the R20C5, released in October 2019, and the recently introduced R50C5 and R330C5. Four newer products (R110C5/R165C5/R220C5/R550C5) are also in our fleet to complete the Rental Stage V range from 20 to 550 kVA standby.

## KOHLER'S EMISSION REDUCTION TECHNOLOGIES

Our partnership with Kohler and its products means we can directly supply Kohler products to the rental market that incorporate emission reduction technologies. Here are just some of the design implementations and technologies incorporated into our Stage V generators:

- With Kohler's impact-resistant designs, which includes heavy-duty air filters with restriction indicators, our Stage V generators are robust and built to withstand, without compromising on performance.
- Some of our newest Stage V generators are the most compact in the market, ensuring easy handling during transportation. With integrated lifting eye, forklift pockets, frame protection pads and a traction bar, they can be moved to and from sites with complete ease.
- Along with this, our machines continue to support enhanced safety features. With new protection features during the handling, connecting and operating phases, the service life of our Stage V generators has been much improved.
- The structured design of our Stage V compliant generators allows quick and easy access to consumable and mechanical parts during cleaning and maintenance. With Stage V generator hire, you can be guaranteed a high-performing machine that works for you in the long haul.



# OUR LINE-UP OF STAGE V GENERATORS

Model	Max Power	Standby Amps	Dimensions (mm) (L x W x H)	Consumption @ 75% PRP load (L/h)	Tank Capacity	Weight (Dry)	Weight (Wet)
	18.2 kVA	29	1850 x 901 x 1355	8,5	153 L	815 kg	968 kg
	50 kVA	72	2545 x 1150 x 1824	8,80	390 L	1550 kg	1940 kg
	110 kVA	159	1360 x 1191 x 2231	17,9	365 L	2340 kg	3705 kg
	150 kVA	238	3884 x 1194 x 2368	26,70	735 L	3434 kg	3169 kg
	200 kVA	318	3884 x 1191 x 2368	32,20	735 L	3640 kg	4375 kg
	330 kVA	476	4332 x 1360 x 2580	48,30	1083 L	4850 kg	5933 kg
	550 kVA	794	5000 x 1611 x 2606	78,70	1280 L	6460 kg	7740 kg

WE HAVE SUPPLY ARRANGEMENTS WITH MOST OF THE UK'S MAJOR FUEL SUPPLIERS, SO YOU ARE GUARANTEED A VERY COMPETITIVE PRICE.

# EXPERT FUEL MANAGEMENT KEEPS BUSINESS UP AND RUNNING



## WHITE & RED DIESEL

Our dedicated team can supply and install fuel tanks from 50 litres and upwards and will put together the precise fuel management solution for you. Because WBPS utilise state-of-the-art telemetry equipment, you will always receive your fuel exactly how and when you need it. Wherever you are, we can deliver to just about any site – no matter how remote. Because we have supply arrangements with most of the UK's major fuel suppliers, you are guaranteed a very competitive price.



## HVO FUEL

HVO (which stands for Hydrotreated Vegetable Oil) is a paraffinic drop-in diesel fuel substitute that provides a cleaner alternative to power your diesel generators, as well as other diesel-powered machinery. A clean-burning diesel alternative, HVO is one of the most environmentally friendly fuels available. If your business utilises diesel as part of its standby power fuel solution, HVO can provide a fantastic opportunity to reduce greenhouse gas emissions by up to 90%. Furthermore, there are many other benefits, which include:

- A SHELF LIFE OF UP TO 10 YEARS
- FULLY CONFORMS TO EN15940 STANDARDS & ISCC CERTIFIED
- NON-HAZARDOUS AND ODOURLESS
- CAN BE MIXED WITH YOUR EXISTING DIESEL STOCKS
- IMPROVED COMBUSTION OVER SOME DIESEL ALTERNATIVES



Our specialist fuel services include:

- **TIMED TANKER DELIVERIES**
- **4X4 VEHICLE DELIVERY SERVICE FOR REMOTE LOCATIONS**
- **BOWSER DELIVERY SERVICE FOR SMALLER QUANTITIES UP TO 2,000LTRS**
- **RAPID RESPONSE SERVICE FOR SMALLER QUANTITIES (WITHIN 4 HOURS)**
- **FUEL TANK INSPECTIONS TO LEGISLATIVE REQUIREMENTS**
- **COMPLETE FUEL TANK DESIGN AND INSTALLATION SERVICE**
- **ENVIRONMENTAL STORAGE IMPACT/RISK ASSESSMENT SERVICE**

**OUR FUEL TANKS ARE PPG COMPLIANT;  
CE APPROVED AND COMPLY WITH THE ADR  
REGULATIONS FOR THE ROAD TRANSPORT OF  
HAZARDOUS MATERIALS.**



### LOAD BANK HIRE FOR SAFE TESTING

Every now and again you will need to carry out tests to make sure your equipment is in good working order. That may include generators, UPS, CHP, switchgear or in fact any item that needs electrical load. Our load banks test electrical power equipment, simulating variable electrical load conditions in a controlled, accurate and safe way. Our load bank fleet includes single units from 50 to 600kw in road-tow formats and up to 5000KW as static units. This could be expanded to up to 15MW if synced up.

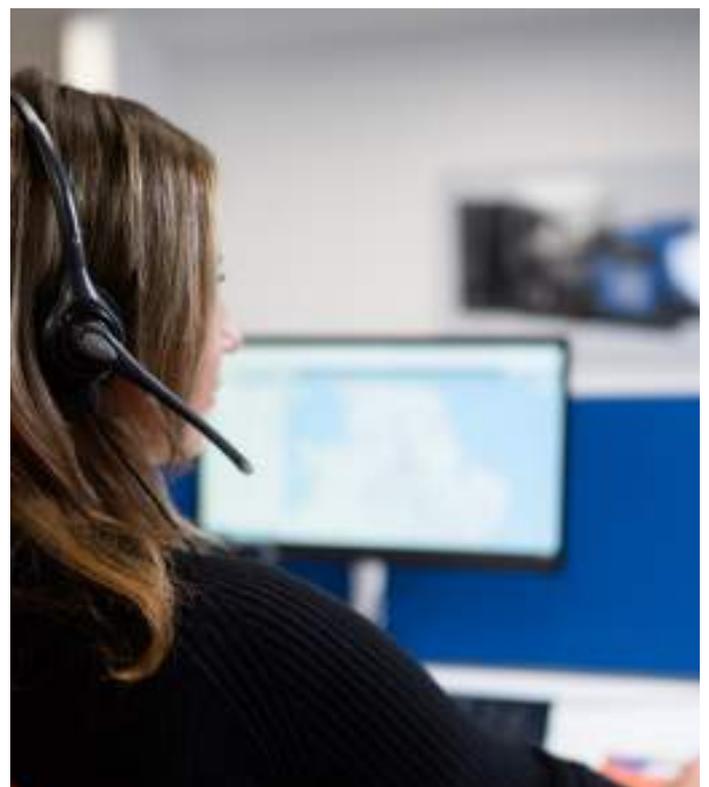


**BOTH OUR RESISTIVE AND REACTIVE LOAD TEST MACHINES ARE AVAILABLE 24 HOURS A DAY, 7 DAYS A WEEK.**



### REMOTE MONITORING

Using the very latest telemetry systems, we can remotely monitor the operation of your hire generator sets while operating in an unmanned location. These controls and measures monitor fuel, oil, coolant levels, oil pressure, operating temperature, battery status and power output. The system also helps to ensure the smooth running of essential or back up power without having to send an engineer regularly to site.



# YOUR CABLE & DISTRIBUTION SPECIALIST



## CABLE & DISTRIBUTION

WBPS is proud to supply a vast and varied array of cable and distribution. Popular among events and on-site, our power solutions in these sectors have been a large part of our business for many years. With over 50 different distribution unit available for hire, we are confident we can fulfill your requirements. Our distribution fleet consists of:

- 440, 125, 63, 32 & 16A EVENT DISTRIBUTION
- MULTI CORE CABLE, BOTH SINGLE & THREE PHASE
- SINGLE CORE CABLES
- HIGH POWER DISTRIBUTION, UP TO 3200A
- SITE POWER DISTRIBUTION
- INLINE PROTECTION
- CHANGEOVER PANELS & SITE TRANSFORMERS

## YOUR COMPLETE TRAFFIC MANAGEMENT SOLUTION

We understand that when you hire a generator, you may also need a full support package to help you get the job done safely and efficiently. With this in mind, we can supply a complete safety and traffic management solution for hire, including:

- FENCING
- CABLE RAMPS
- BARRIERS
- TRACKWAYS
- LIGHTING
- SECURE STORAGE



# TOWER LIGHTING HIRE FOR EVENTS, PROJECTS & EMERGENCIES

WB Power are proud to offer a range of ECO lighting towers, which offer efficient, cost effective lighting solutions. The ECO Lighting Towers allow contractors to benefit from fuel savings and Co2 Reduction of over 70%, plus a 400% increase in runtime. The CO2 reduction and fuel savings achieved by contractors when hiring ECO lighting towers, can be included in the Contractors Sustainability Policy, which will help them to win government and local authority contracts.

Applications include:

- SAVE £ 336 PER MONTH IN FUEL COSTS
- REDUCTION OF CO2 OUTPUT BY 888 KG PER MONTH
- OVER 200 HOURS RUNTIME, EXTENDING THE REFUEL PERIOD, AND REDUCES ON-SITE LABOUR COSTS
- AMOSS SAFETY SYSTEM AUTOMATICALLY LOWERS MAST IF MOVED, PREVENTING THE MAST HITTING OVERHEAD POWER CABLES
- AUTOSTART/STOP LIGHT SENSOR WHICH REDUCES FUEL AND ACTIVITY COSTS
- LED FLOODLIGHTS, INSTANT BRIGHT LIGHT, NO 20 MINUTE WAIT



HDG402  
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Generator Specialists  
Sales - Service - Hire - Installation  
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