

30/45

# NetZPack



## WBPS RENEWABLES DIVISION

ECO FRIENDLY GENERATORS, HYBRID TECHNOLOGY & ANCILLARY EQUIPMENT AVAILABLE FOR PERMANENT INSTALLATION, EMERGENCIES AND HIRE CONTRACTS.



# INTRODUCING THE NetZPack

## EFFICIENT, RELIABLE POWER 24/7

Assembled and commissioned at our newly opened Derbyshire production facility, the NetZPack offers an industry leading battery storage and hybrid system, that places efficiency, reliability and lower emissions at the top of its list.

WB Power have a range of hybrid generators that offer cost-effective solutions that excel in power and reliability. Used alongside a prime diesel generator, or as a back-up, our hybrid generators offer decreased emission levels at that all-important lower cost.

## HOW IT WORKS

Much like a hybrid car, our NetZPack utilises power in the most efficient way. Installed inline, the NetZPack is intended to compliment a generator, allowing it to operate more efficiently at higher load levels for a shorter period of time. As load increases, or if battery capacity is low the NetZPack will start the generator and transfer energy from the generator to supply the load whilst charging the batteries. The NetZPack seamlessly transfers between battery and engine power, reducing carbon emissions and generator run hours and therefore any potential maintenance costs.

## OUR RANGE OF HYBRID GENERATORS

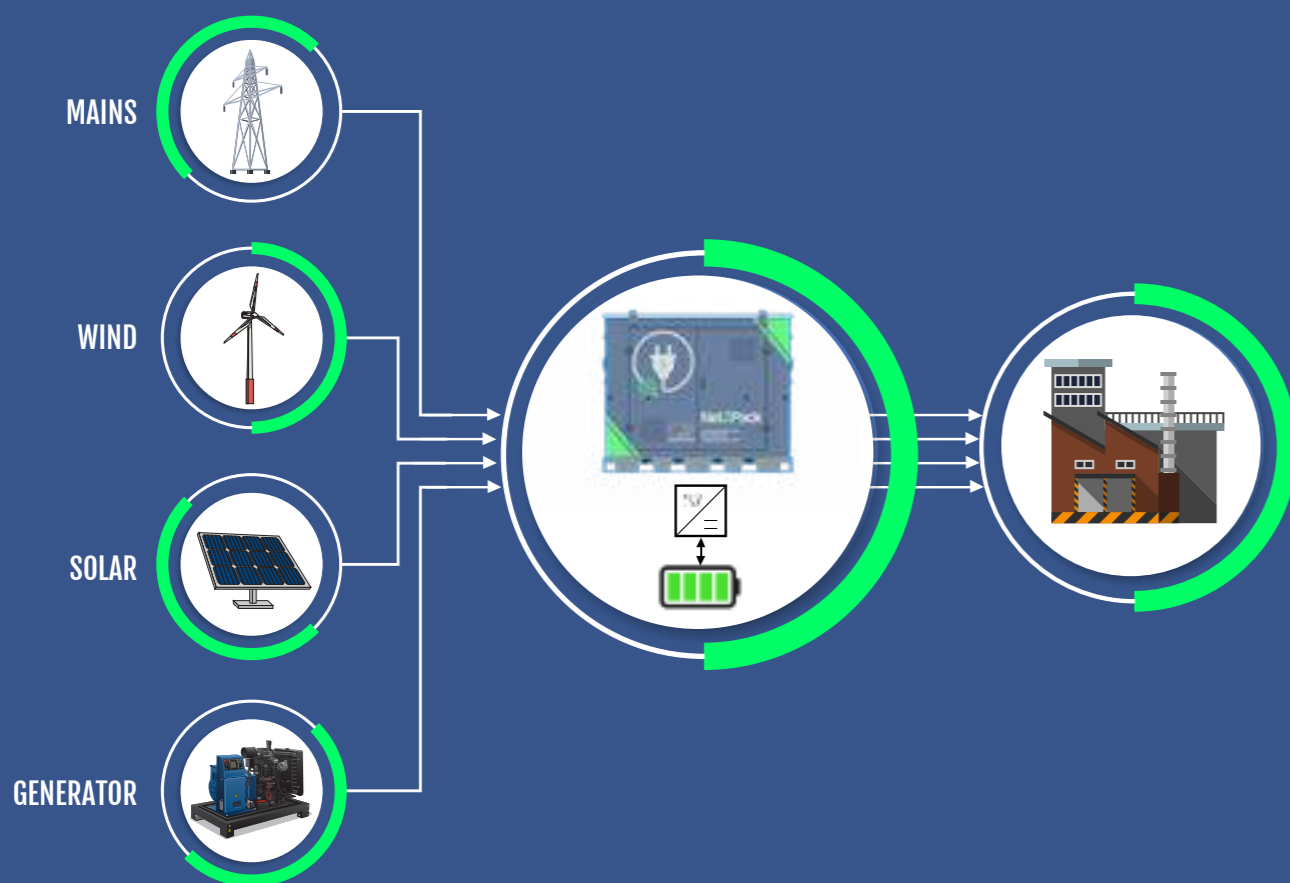
WB Power have a fleet of over 60 hybrid generators at its production facility, including 30kVA, 3-phase, generators with 45kW of usable battery power and a range of rental equipment that can be configured in various ways to cover a vast number of applications.

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.



# 30/45 NETZPACK GENERATOR SPECIFICATION

## UNPARALLELED PERFORMANCE, REDUCING EMISSIONS AND NOISE POLLUTION

Tough, reliable and efficient, the NetZPack provides essential power whilst reducing emissions and noise pollution. It can also be fitted with an optional Renewable Power Interface Module, allowing the NetZPack the ability to store and use renewable energy, such as solar or wind, before starting the generator.

## EASILY TRANSPORTABLE

The NetZPack is easily transportable. With a number of large fork pockets designed on its base, the unit can be lifted by most fork lift trucks. With the added protection of rubber buffers incorporated inside the fork pockets, there is little chance of damaging the unit when it is being transported.

Similarly, the fork pockets also feature open bottoms so they can be moved by using pallet trucks too. With added lifting eyes for easy loading and unloading, the whole process of transporting the NetZPack has been completely simplified and is much more operator friendly.

## EASY TO OPERATE

Every aspect of the NetZPack has been designed with simplicity in mind. Easy to operate, the system features a simple power input one end and output the other, with a wide range of additional output sockets.

The output distribution is easily visible for quickly identifying a fault and there is also an easy to set timer, for time-based applications such as daytime generator charging and over-night quiet battery operation.

In the event of a fault, the NetZPack features a supplementary controller which provides an easy-to-use interface, for quickly identifying a problem. With additional output parameter protection, to protect the load, as well as automated switching to take action in the event of a fault, the operator can identify any issues easily and take action with hassle.

Ideal for most remote or temporary applications that require off grid power, NetZPack can be started and used from the battery alone, including both short term or portable power.

From building sites, temporary infrastructure works, remote communication hubs, weather stations and outdoor events, the NetZPack is designed to give back power when it is needed most.

To find out more about our newest product launch and what it can do for you and your operation, get in touch today. Call us on 0115 9444 422, email [sales@wbpsltd.co.uk](mailto:sales@wbpsltd.co.uk) or visit [www.wbpsltd.co.uk](http://www.wbpsltd.co.uk)

AC OUTPUT	
Output Voltage P-N	230 VAC
Output Voltage P-P	400 VAC
Output frequency	50 Hz
Output Topology	3 Phase 4 wire
Earthing system	TN-S
Continuous Reactive Output	30 kVA
Contonious Power Output	24 kW
Maximum Passthrough Current	100 A

AC INPUT	
Input Voltage Range P-N	187-265 VAC
Input frequency range	45-65 Hz
Maximum current	100 A

BATTERY CHARGER	
Voltage range	38-66 VAC
Maximum charge current	420A

BATTERY	
Nominal Battery Voltage	51.2 VDC
Total Battery Capacity (100%)	51.2 kWh
Number of Battery Modules	10
Battery module Capacity (100%)	5.12 kWh
Charging Temperature	0°C to 45°C
Discharging Temperature	-20°C to 65°C
Storage temperature	-20°C to 45°C
Design life	>10 years

GENERAL DATA	
Dimensions (LxWxH)	2401 x 1260 x 2051 mm
Weight	1800Kg

#### **HEAD OFFICE**

WB Power Services Ltd  
Heanor Gate Road  
Heanor Gate Industrial Estate  
Heanor, Derbyshire DE75 7RJ

Email us at: [info@netzpack.co.uk](mailto:info@netzpack.co.uk) or [sales@wbpsltd.co.uk](mailto:sales@wbpsltd.co.uk)  
Call us 01159 444 422  
[www.netzpack.co.uk](http://www.netzpack.co.uk)

