



Repower Your Wind Turbine

Today, many UK turbines are underperforming or are simply no longer operational. By repowering your site and installing a new, high-quality turbine, the energy production and generated income can be significantly improved.

Modern Efficiency. Guaranteed Stability.

Repowering allows you to maximise the natural resources of your site while keeping your existing financial benefits secure.

Seamless Transition: We ensure you maintain your existing Ofgem Feed-in Tariff (FiT) accreditation while upgrading to a high-yield Bestwatt system.

A 20-Year Promise: We provide a unique 20-year service agreement from the manufacturer for total peace of mind – minimising costs whilst maximising carbon saving.

Custom configurations: Choose from 15kW to 80kW power options, hub heights up to 30m, and flexible single or 3-phase integration for a seamless, high-yield upgrade.



- 100% local and sustainable energy
- Smaller design significantly reduces planning risk
- Technical lifespan of 35 years
- Dutch and German engineering made to last
- 24/7 remote monitoring and control
- 20-year insurance backed maintenance contracts

Infinite Renewables - Your Local Partner.

Exclusive Bestwatt distributor for Wales and the South West: Since 2010, Infinite has built and managed a 50MW+ global portfolio of wind, solar, and storage projects, ranging from local UK sites to installations in Sierra Leone and Dubai.

From compact power to high-capacity output: we'll help you select the perfect fit from our Bestwatt range: the **BW15**, **BW45**, or **BW80**.



BESTWATT POWERCURVES

The figures shown are based on averages of installed locations and wind speeds.



BW15 15kW



BW45 45kW



BW80 80kW



Bestwatt has installed over 400 turbines across Europe

BESTWATT TURBINE SPECIFICATION

	 BW15	 BW45	 BW80
Rotor Diameter	10.7 m	15.9 m	15.9 m
Rotor Swept Area	89.5 m ²	199 m ²	199 m ²
Rotor Power	15 kW	45 kW	80 kW
Hydraulic Brakes	Blade tips	Blade tips	Blade tips
Transmission	Gearbox linear	Gearbox linear	Gearbox linear
Speed Operating Range	40-80 rpm	30-65 rpm	30-70 rpm
Hub Height	15/20/25/30 m	15/20/25/30 m	15/20/25/30 m
Generator	Asynchronous	Asynchronous	Asynchronous
Rated Power Inverter	22 kW	55 kW	90 kW
Maximum Apparent Power Inverter	24.4 kVA	61.0 kVA	100.00 kVA
Yaw System	Active	Active	Active
Cut-In Wind Speed	3 m/s	3.5 m/s	3.5 m/s
Shut-Down Wind Speed	25 m/s	25 m/s	25 m/s
Survival Wind Speed	60 m/s	60 m/s	60 m/s



Are you ready to **power your next chapter?**

Step 1: Connect & Assess

Contact us directly so our experts can analyze your site's potential.

Step 2: Technical Review

We'll identify your best repowering options and navigate any planning requirements on your behalf.

Step 3: Tailored Consultation

We'll meet to match the right turbine for your needs and explore potential funding solutions.

Step 4: Your Roadmap

Receive a formal, comprehensive proposal designed to maximize your long-term returns.

CONTACT

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WHERE TO FIND US



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OPENING HOURS



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