



## 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 <sup>2</sup>	199 m <sup>2</sup>	199 m <sup>2</sup>
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



9am - 5pm  
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