

KW6

Kingspan Wind 6KW turbines - Maximum yield in a wide range of wind speeds.

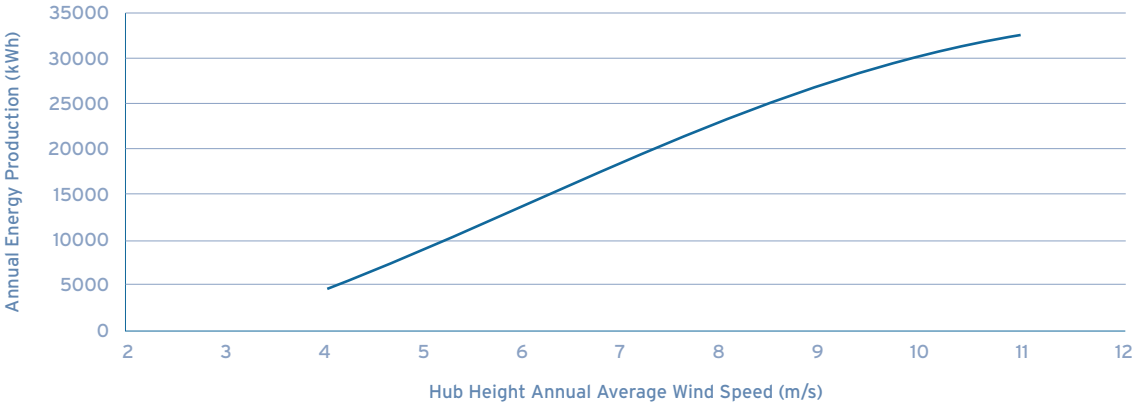
The KW6 stands out from other small wind turbines because of patented blade hinge design, which allows it to regulate speed - maximising output. As the wind gets stronger, the blades pitch and cone to reduce their aerodynamic efficiency. This maintains a high output even in the fiercest storms, unlike many turbines which need to be put on brake to protect themselves at high wind speed.

KW6 Product Specifications

KW6	
Rated Power (1 min avg at 11 m/s)	5.2kW
Peak Power (1 min avg)	6.1kW
Reference Annual Energy (RAE)*	8,949 kWh
Applications	(small - < 9,000 kWh consumption) - Agricultural holdings, Local authority buildings, Commercial premises
Voltages Available	48V DC / 300V AC
Rotor Diameter	5.5m
Tower Height	9m/11.6m/15m
Tower Height (North America)	80ft/ 100ft/ 120ft/ 140ft self supporting lattice towers
Cut in	3.5 m/s
Cut out	N/A
Survival speed	Designed to Class 1 (70 m/s) Independently tested to Class 2 (59.5 m/s)

* RAE is annual energy production at 5m/s measured at hub height

Annual Energy Production KW6



The AEP Curve (Annual Energy Production) demonstrates the energy the KW6 will generate on sites with a given average wind speed at hub height. The ability to calculate kWh / year allows for clear estimations of financial viability to be calculated.



Contact us now for further information
Tel. 0800 328 5689 or email us at wind@kingspan-renewables.com
Kingspan Renewables Ltd, 180 Gilford Road, Portadown, Northern Ireland, BT63 5LF wind.kingspan.com