



# KW6

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

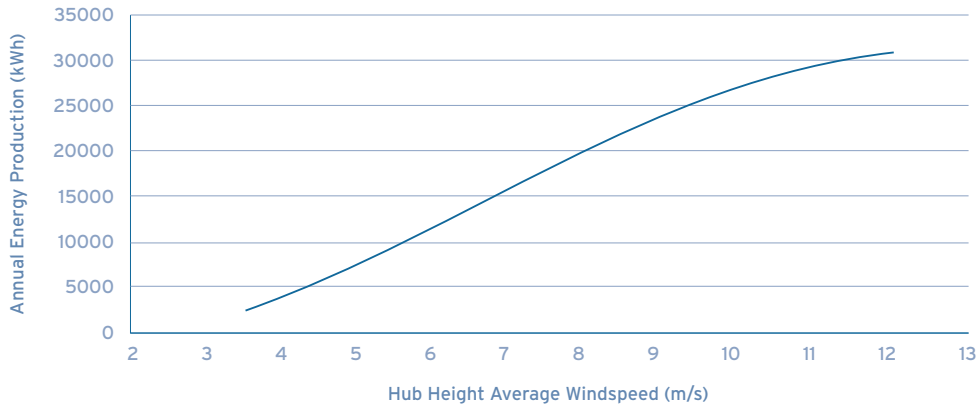
The KW6 stands out from other small wind turbines because of patented blade hinge design, which allows it to regulate speed - maximising output. As the wind gets stronger, the blades pitch and cone to reduce their aerodynamic efficiency. This maintains a high output even in the fiercest storms, unlike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

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