

KW3



Kingspan Wind 3KW turbines - Maximum yield in a wide range of wind speeds.

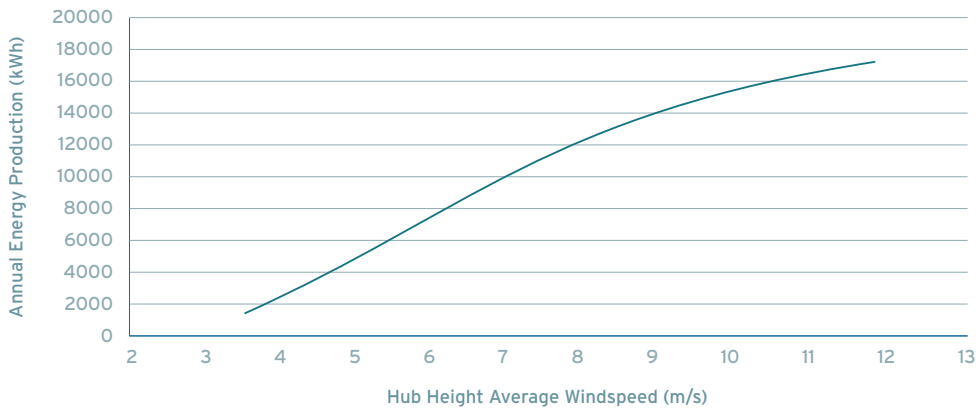
The KW3 stands out from other small wind turbines because of patented blade hinge design, which allows it to regulate speed - maximising output. As the wind gets stronger, the blades pitch and cone to reduce their aerodynamic efficiency. This maintains a high output even in the fiercest storms, unlike many turbines which need to be put on brake to protect themselves at high wind speed.

KW3 Product Specifications

KW3	
Rated Power (1 min avg at 11 m/s)	2.5kW
Peak Power (1 min avg)	3.2kW
Reference Annual Energy (RAE)*	4,700 kWh
Applications	Telecoms stations, Unmanned off-shore oil platforms, Domestic properties
Voltages Available	24V DC / 48V DC / 300V AC
Rotor Diameter	3.9m
Tower Height	6.5m/11m
Cut in	3.5 m/s
Cut out	N/A
Survival speed	Designed to Class 1 (70 m/s)

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

Annual Energy Production KW3



The AEP (Annual Energy Production) Curve demonstrates the energy the KW3 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