

EWT DW52

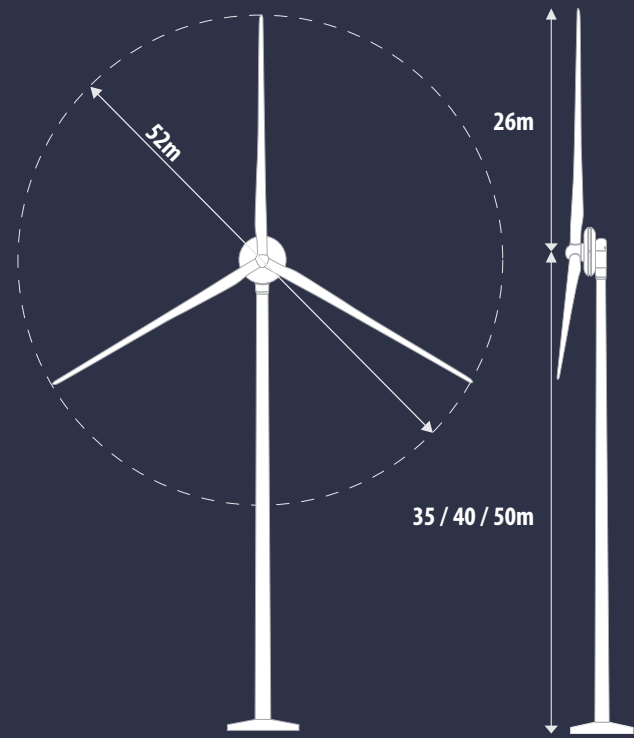
EWT's DW52 direct drive wind turbine has been designed for sites with medium wind speeds, performing to the highest standards in areas with a wind resource of between 7.5 and 8.5 metres per second at hub height.

Power curve

The power curve is valid for standard atmospheric conditions whereby a temperature of 15 °C and an air density of 1.225 kg/m³ are considered, together with a vertical wind shear exponent of 1/7. The data is applicable for a non-complex site with no flow inclination and clean blades.

Annual electricity generation / power output

The annual electricity production for different annual mean wind speeds at hub height is calculated assuming a Weibull wind speed distribution with a shape factor (k) of 2.0. Transformer and other losses are not taken into account.

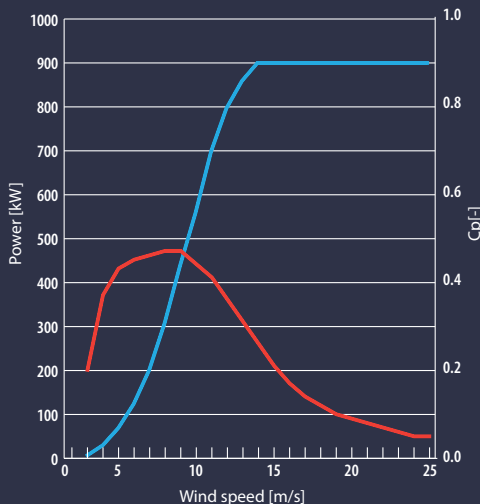


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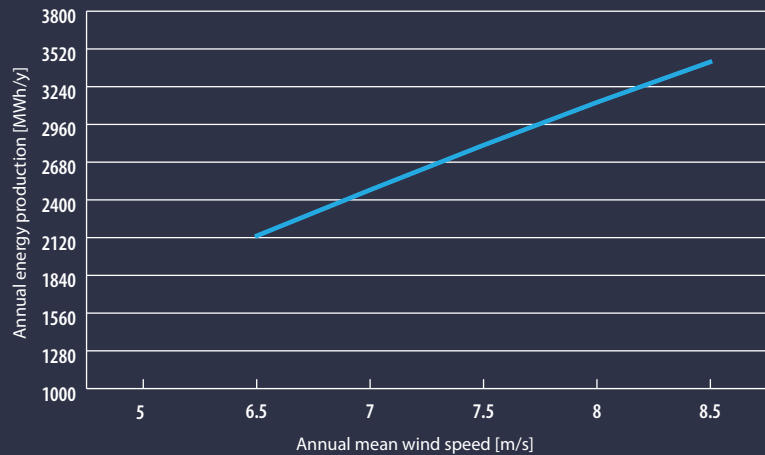
ROTOR DIAMETER	IEC WIND CLASS	CUT-IN WIND SPEED	CUT-OUT WIND SPEED
52m	IIA	3 m/s*	25 m/s

*All wind speeds mentioned are based on 10 minute averages

DW52-900kW

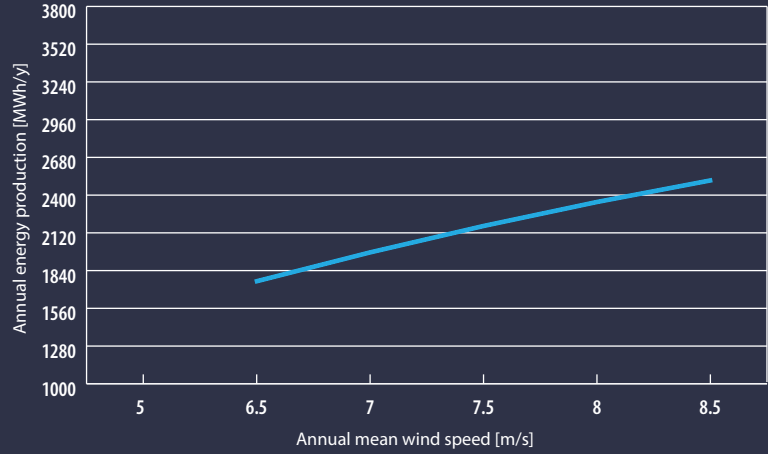
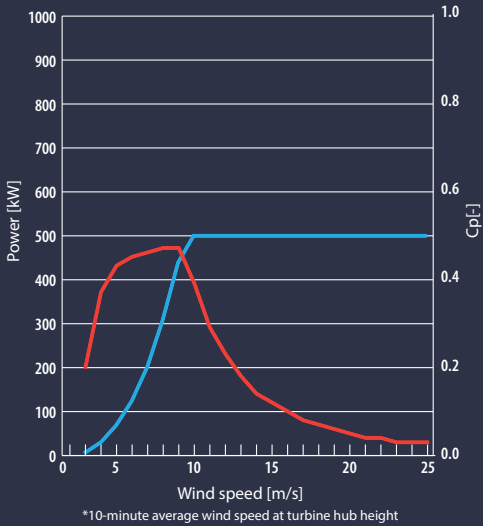


*10-minute average wind speed at turbine hub height



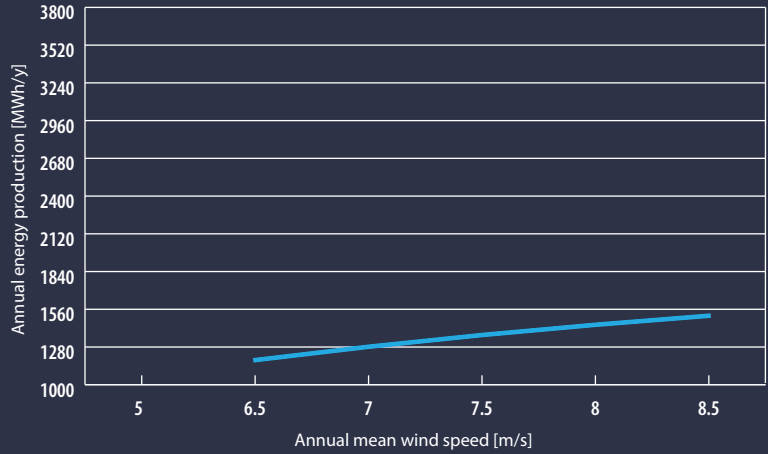
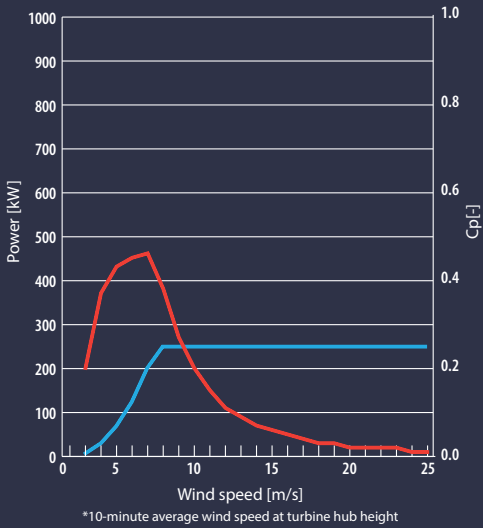
*Further details on the above power curve and power output graphs are available on request

DW52-500kW



*Further details on the above power curve and power output graphs are available on request

DW52-250kW



*Further details on the above power curve and power output graphs are available on request



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