

EWT DW58

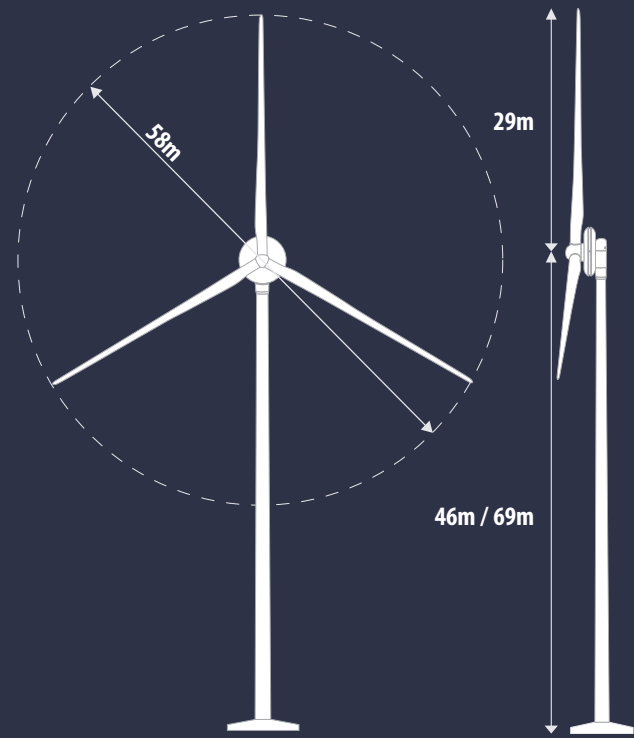
EWT's DW58 direct drive wind turbine has been designed for sites with medium wind speeds, performing to the highest standards in areas with a wind resource of between 7.5 and 8.5 metres per second at hub height.

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.

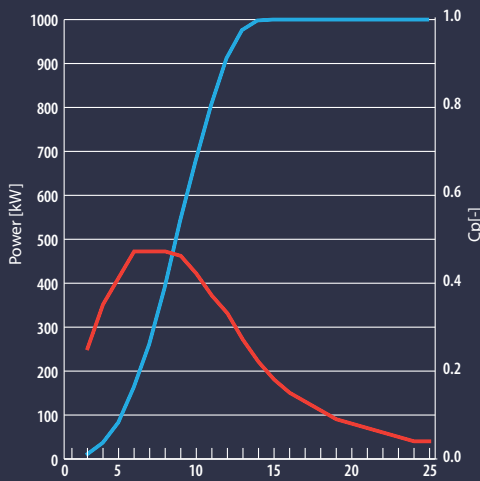


DW58

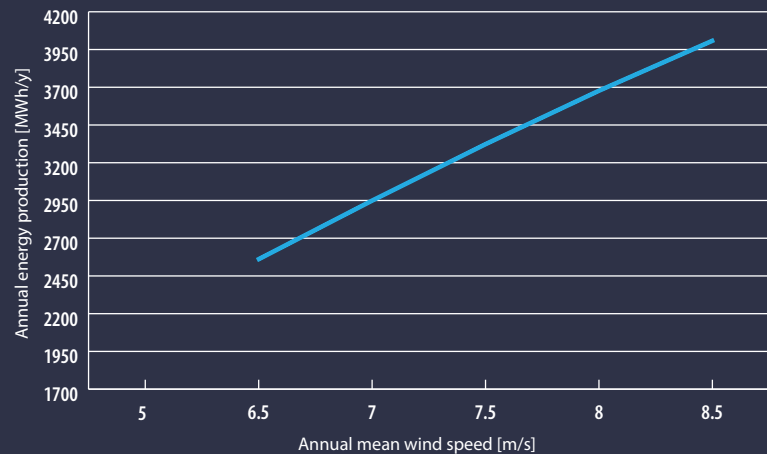
ROTOR DIAMETER	IEC WIND CLASS	CUT-IN WIND SPEED	CUT-OUT WIND SPEED
58m	IIA	3 m/s*	25 m/s

*All wind speeds mentioned are based on 10 minute averages

DW58-1MW

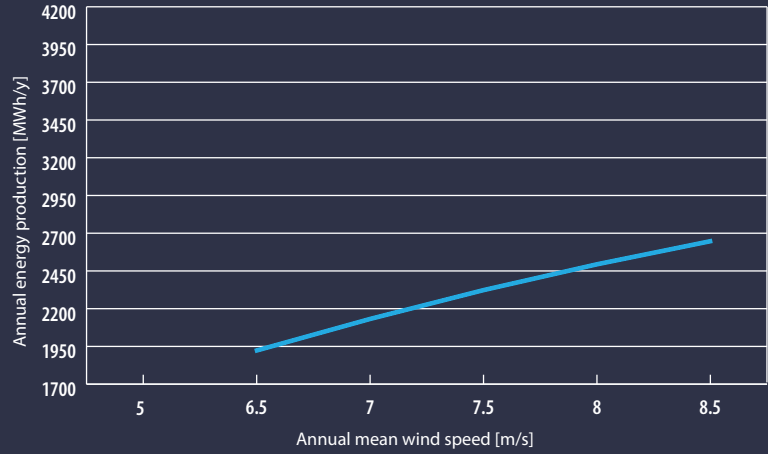
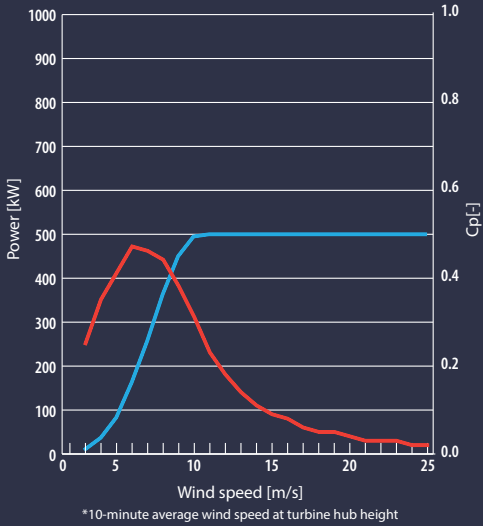


*10-minute average wind speed at turbine hub height



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

DW58-500kW



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



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Energya Wind Technologies (HQ)

Lindeboomseweg 51
3825 AL Amersfoort
The Netherlands

T +31 (0)33 454 05 20
Email: info@ewtdirectwind.com
Website: www.ewtdirectwind.com

More information

For more information about our turbines, services, technology, our offices or other questions please contact us or visit our website www.ewtdirectwind.com