

# EWT DW54

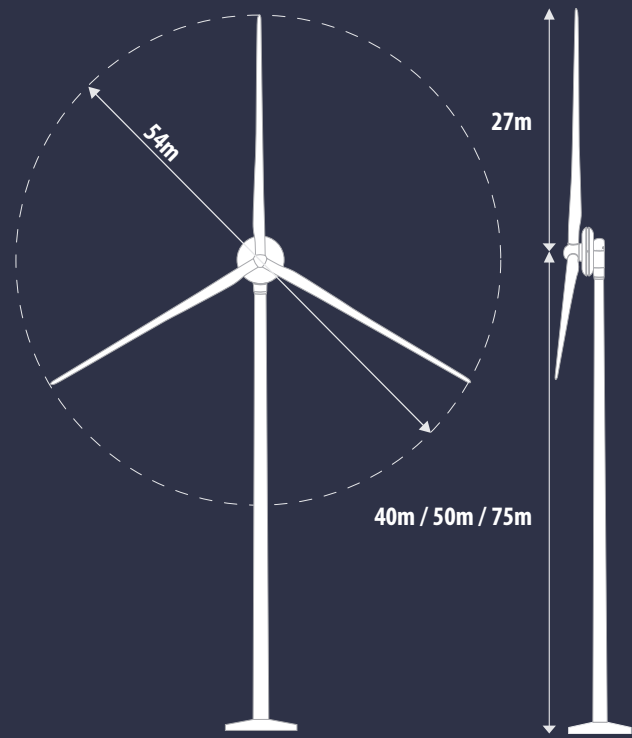
EWT's DW54 direct drive wind turbine has been designed for sites with low wind speeds, performing exceptionally well in areas with a wind resource of up to 7.5 metres per second at hub height.

## 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/m<sup>3</sup> 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.

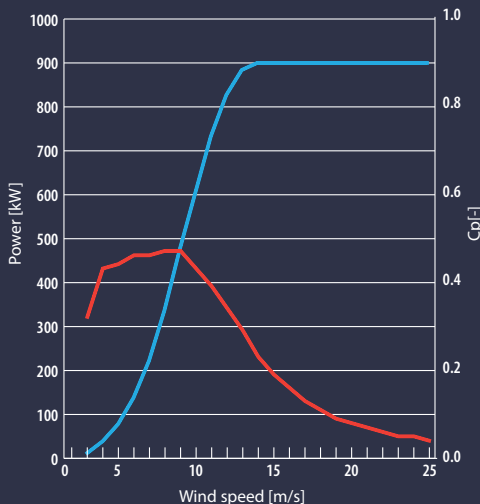


DW54

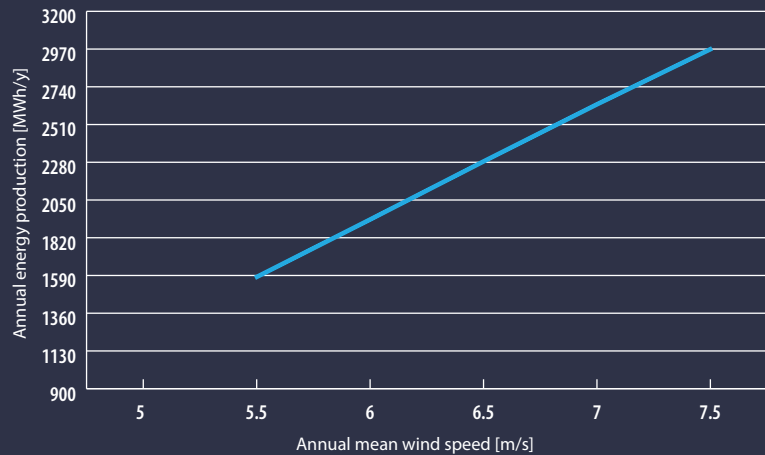
ROTOR DIAMETER	IEC WIND CLASS	CUT-IN WIND SPEED	CUT-OUT WIND SPEED
54m	IIIA	3 m/s*	25 m/s

\*All wind speeds mentioned are based on 10 minute averages

## DW54-900kW

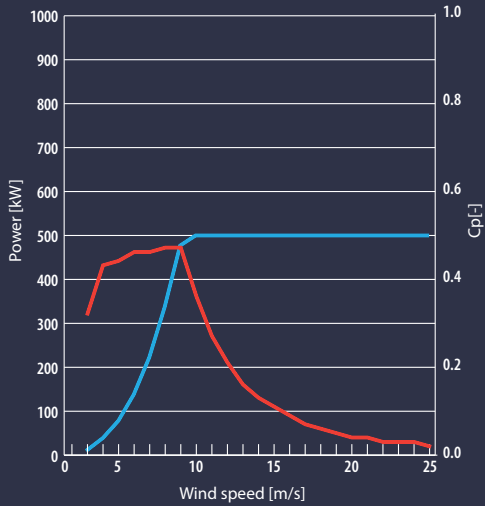


\*10-minute average wind speed at turbine hub height

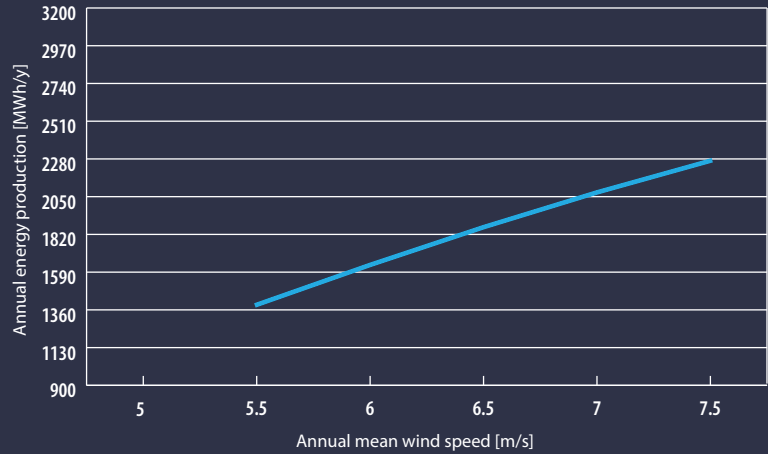


\*Further details on the above power curve and power output graphs are available on request

## DW54-500kW

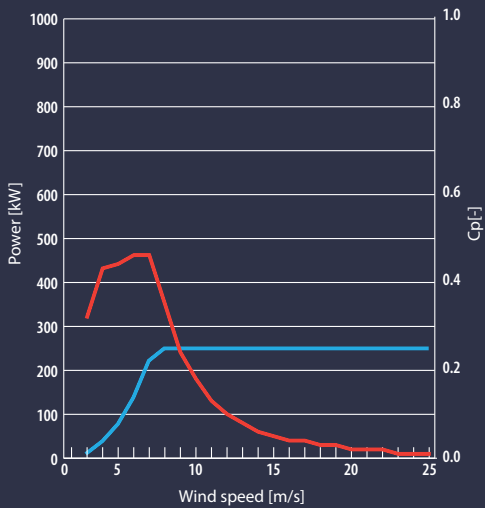


\*10-minute average wind speed at turbine hub height

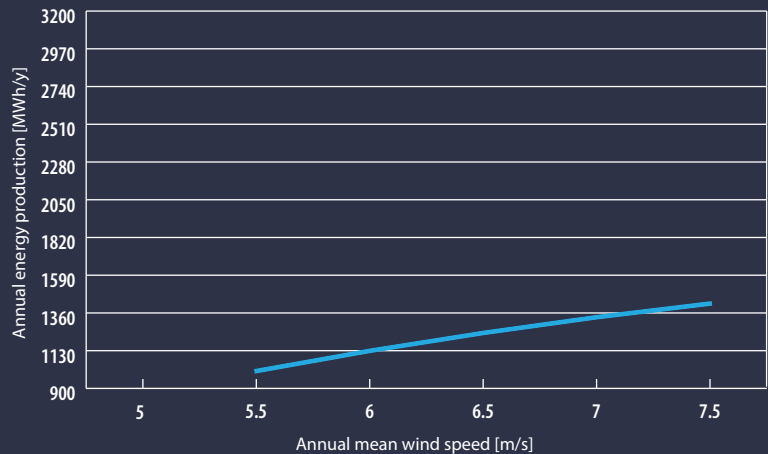


\*Further details on the above power curve and power output graphs are available on request

## DW54-250kW



\*10-minute average wind speed at turbine hub height



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



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### 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](http://www.ewtdirectwind.com)