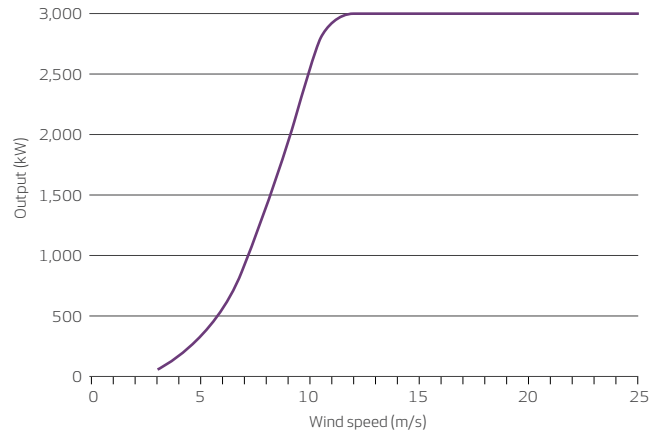


TECHNICAL DATA FOR V112-3.0 MW

Power regulation	pitch regulated with variable speed
Operating data	
Rated power	3,000 kW
Cut-in wind speed	3 m/s
Rated wind speed	12 m/s
Cut-out wind speed	25 m/s
Wind Class - IEC	IIA/IIIA
Max. altitude	1,500 m
Operational temperature range	standard range -20°C to 40°C low temperature option -30°C to 40°C
Sound power	
7 m/s	100 dB(A)
8 m/s	102.8 dB(A)
10 m/s	106.5 dB(A)
By 95% rated power	106.5 dB(A)
Rotor	
Rotor diameter	112 m
Swept area	9,852 m ²
Tower	
Type	tubular steel tower
Hub heights	84, 94 and 119 m
Electrical	
Frequency	50 Hz/60 Hz
Converter type	full scale converter
Generator type	permanent magnet generator
Main dimensions	
Blade	
Length	54.6 m
Max. chord	4 m
Nacelle	
Height for transport	3.3 m
Height installed	3.9 m
Width	3.9 m
Length	14 m
Tower	
Max. section length	32.5 m
Max. diameter	4.2 m
Hub	
Height	3.9 m
Diameter	3.2 m
Max. weight per unit for transportation	70 metric tonnes

Power curve V112-3.0 MW



This product will not be available for delivery in the USA before spring 2011 and in Canada before spring 2012. All specifications are for informational purposes and are subject to change without notice. Vestas does not make any representations or extend any warranties, expressed or implied, as to the adequacy or accuracy of this information.