

V126-3.0 MWTM

Facts & figures

WIND CLASS	IEC III B
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POWER REGULATION	pitch regulated with variable speed
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OPERATING DATA

Rated power	3,000 kW
Cut-in wind speed	3 m/s
Rated wind speed	12 m/s
Cut-out wind speed	22.5 m/s
Re cut-in wind speed	20 m/s
Operating temperature range:	-30° up to +40°*

*subject to different temperature options

SOUND POWER*

(Mode 0, 10 m above ground, hub height 119 m, air density 1,225 kg/m³)

Max sound power	107.5 dB
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*other sound reduced modes available

ROTOR

Rotor diameter	126 m
Swept area	12,469 m ²
Air brake	full blade feathering with 3 pitch cylinders

ELECTRICAL

Frequency	50 Hz
Generator type	permanent magnet generator
Converter	full scale

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GEARBOX	Multi stage (planetary + helical)
Type	

TOWER

Type	tubular steel tower
Hub heights	
50hz:	119 m*
*or site specific	

BLADE DIMENSIONS

Length	62 m
Max. chord	4 m

NACELLE DIMENSIONS

Height for transport	3.4 m
Height installed (incl. CoolerTop®)	6.8 m
Length	12.8 m
Width	4.0 m

HUB DIMENSIONS

Max. transport height	3.74 m
Max. transport width	3.75 m
Max. transport length	5.42 m

Max. weight per unit for transportation	70 metric tonnes
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TURBINE OPTIONS

OCAS®, smoke & heat detection, shadow detection, increased cut-in wind speed & aviation light.

POWER CURVE FOR V126-3.0 MW™

IEC III B 

Noise reduced sound power modes are available

