



ENO 92

2.2 MW

enovation for efficiency

ENO ENERGY

Success with wind.

High reliability and efficiency

Technical specifications eno 92

General

Type	eno 92
Rated Power	2,200 kW
Cut-in wind speed	3 m/s
Rated wind speed	13 m/s
Cut-out wind speed	25 m/s
Tilt angle	5°

Rotor

Diameter	92.8 m
Nominal speed range	5.5 - 14.8 rpm
Swept area	6,764 m ²

Rotor blade

Manufacturer	LM Wind Power
Material	GRP
Length	45.3 m

Gears

Model	Planetary-/spur gearing
Gear ratio	approx. 1:111

Generator

Type	Synchronous generator
Design	slip ringless / brushless excitation

Tower (hub height)

Type Tubular steel	103 m, 123 m
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Converter

Type	Full power converter
Model	Modular IGBT inverter topology

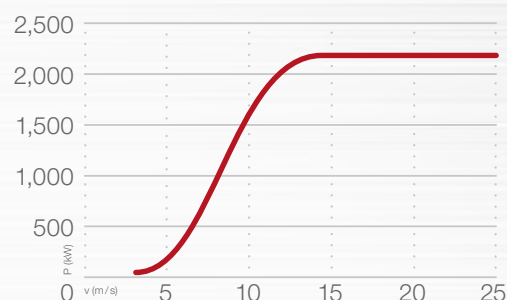
Sound power level

calculated (Mode 0) ¹	104.8 dB(A)
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Wind class

Wind class according to IEC	IEC IIIa
Wind zone according to DIBt	WZ II

Power curve eno 92



Estimated annual energy yield

v _w , hub height	eno 92
5.0 m/s	3,301 MWh/a
5.5 m/s	4,208 MWh/a
6.0 m/s	5,139 MWh/a
6.5 m/s	6,065 MWh/a
7.0 m/s	6,963 MWh/a
7.5 m/s	7,817 MWh/a

Evaluation of reference yield according to FGW TR 5

Hub height	Reference yield in kWh
103 m	32 162 569
123 m	33 698 504



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¹ noise-reduced operation modes available on request