

ENO  **100**

2.2 MW

novation for efficiency



ENO  **ENERGY**

Success with wind.

Solid plant design for higher yields

Technical specifications eno 100

General

Type	eno 100
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	100.5 m
Nominal speed range	5.5 - 14.2 rpm
Swept area	7,932 m²

Rotor blade

Manufacturer	LM Wind Power
Material	GRP
Length	49 m

Gears

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

Generator

Type	Synchronous generator
Design	slip ringless/brushless excitation

Tower (hub height)

Model steel tube	99 m, 125 m
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Converter

Type	Full power converter
Model	Modular IGBT inverter topology

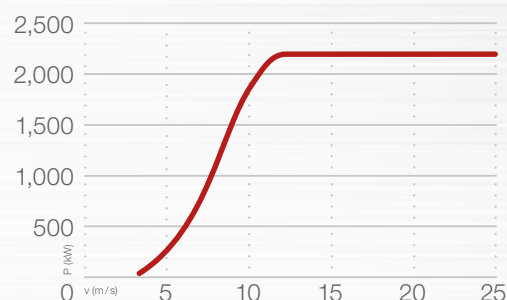
Sound power level

calculated (Mode 0) ¹	105.9 dB(A)
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Wind class

Wind class according to IEC	IEC IIIa
Wind zone according to DIBt	WZ III, GK 2

Power curve eno 100



Estimated annual energy yield

v _w , hub height	eno 100
5.0 m/s	3,942 MWh/a
5.5 m/s	4,908 MWh/a
6.0 m/s	5,877 MWh/a
6.5 m/s	6,823 MWh/a
7.0 m/s	7,726 MWh/a
7.5 m/s	8,574 MWh/a

Evaluation of reference yield according to FGW TR 5

Hub height	Reference yield in kWh
99 m	35 148 957
125 m	37 289 698



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¹ noise-reduced operation modes available on request