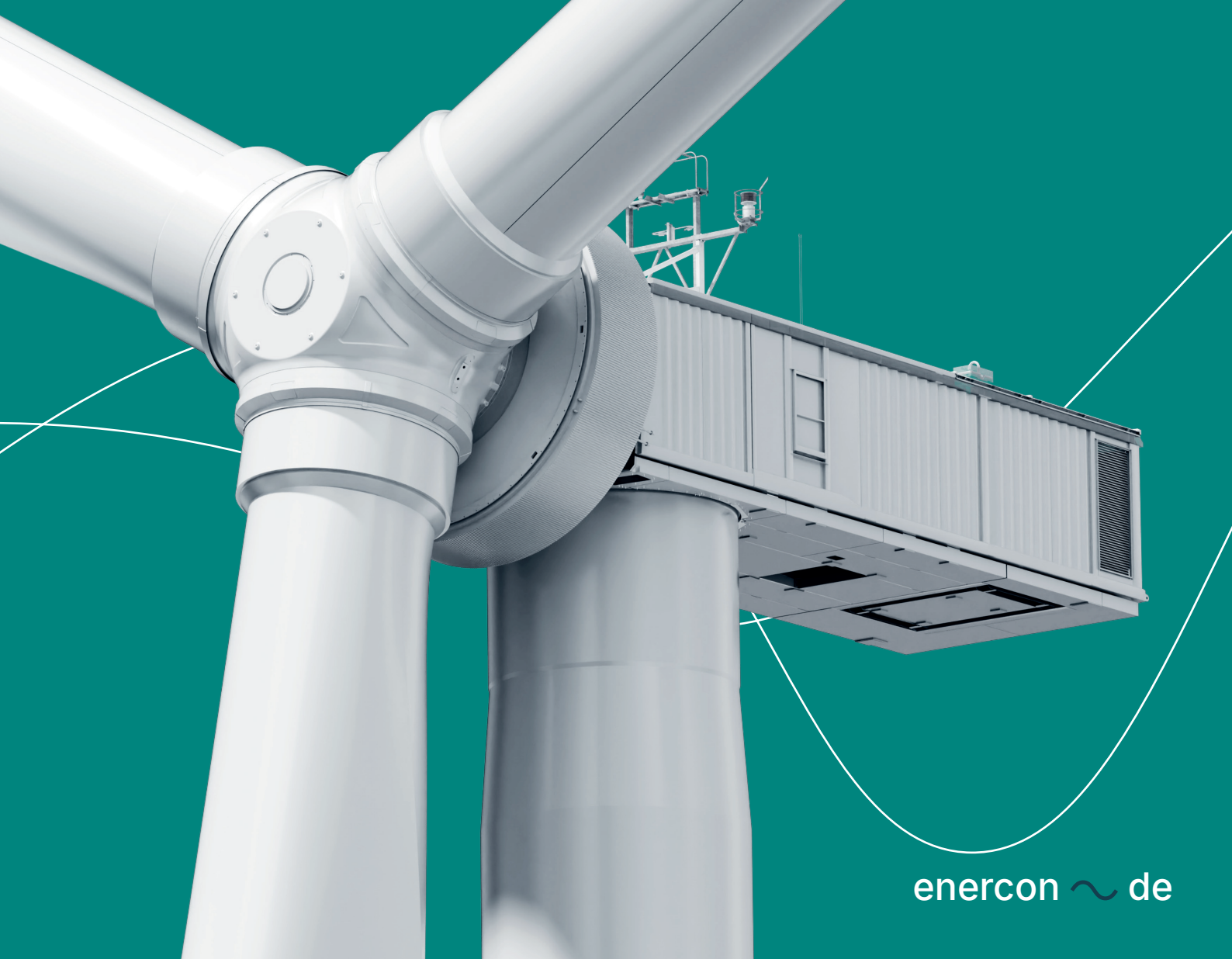


YIELD-OPTIMISED DESIGN FOR GLOBAL USE

E-160 EP5 E3

5,560 kW



TECHNICAL DATA

E-160 EP5 E3

Last updated: 08/2026.
Technical information subject to change.

GENERAL

Nominal power	5,560 kW
Yield Optimised Mode	-
Wind class (IEC)	IEC S
Wind zone (DIBt)	WZ S
Turbine concept	gearless, variable speed, full power converter
Design service life	25 years (IEC S)
Cut-in wind speed	2.5 m/s
Cut-out wind speed	28 m/s
Extreme wind speed at hub height (3-s-gust)	52.5 m/s
Normal operating temperature range	-20 °C to +40 °C
Grid feed/ control system	ENERCON inverter
Grid frequency	50 Hz / 60 Hz
Sound power level	106.5 / 106.8 dB(A)* Yield and noise-optimised operation. Further modes on request.

ROTOR

Rotor diameter	160 m
Type	upwind rotor with active pitch control

TOWER

Hub height	IEC S 99 m 120 m 140 m 160 m 166 m
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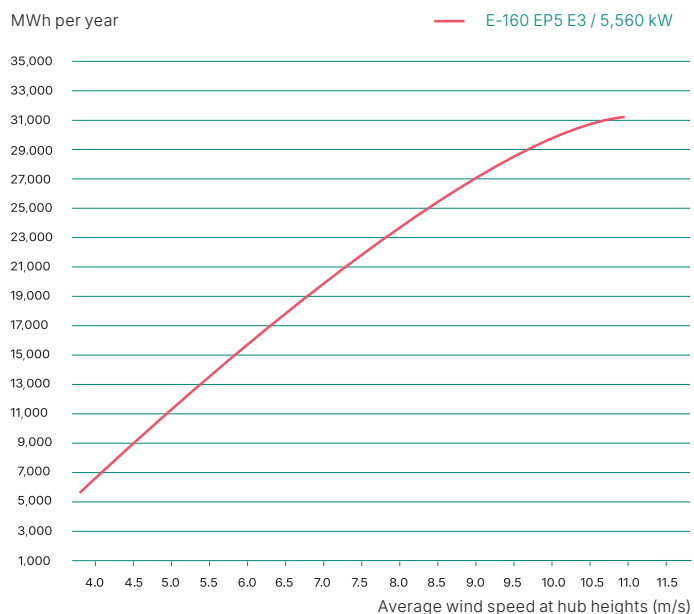
GENERATOR

Type	directly-driven, multi-pole synchronous generator (PMG)
Cooling system	air cooling system

FEATURES

	STANDARD	OPTIONAL
ENERCON SCADA Edge	•	
FACTS & Transmission	•	
ENERCON SCADA FCU - Basic	•	
ENERCON Shadow Shutdown		•
ENERCON SCADA Bat Protection		•
ENERCON Ice Detection System		•
Automatic Fire Extinguishing System		•
Aviation Lights (ADLS)		•
ADLS Interface & Hardware		•
3 rd Party Customer Systems Interface		•
Lower-Emission Steel Tower		•

ANNUAL ENERGY YIELD



More information
and technical details
are available online.