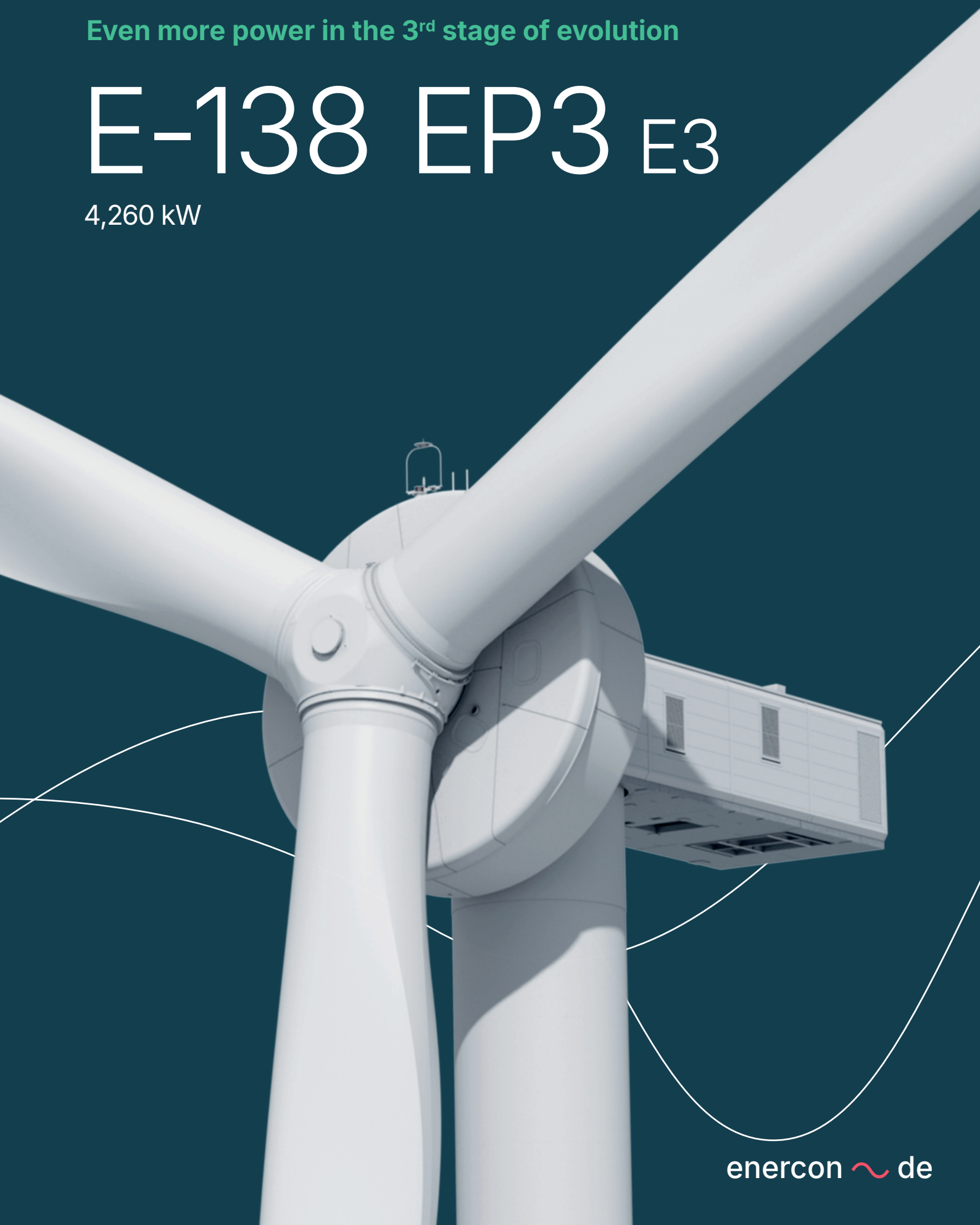


Even more power in the 3rd stage of evolution

E-138 EP3 E3

4,260 kW



TECHNICAL DATA

E-138 EP3 E3

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

GENERAL

Nominal power	4,260 kW
Yield Optimised Mode	4,500 kW
Wind class (IEC)	IEC S / IEC IIA*
Wind zone (DIBt)	WZ S
Turbine concept	gearless, variable speed, full power converter
Design service life	25 years (IEC S)
Cut-in Cut in wind speed	2.5 m/s
Cut-out wind speed	28 m/s
Extreme wind speed at hub height (3-s-gust)	59.5 m/s
Normal operating temperature range	-25 °C to +40 °C
Cold climate operating temperature	-40 °C to +40 °C
Grid feed/ control system	ENERCON inverter
Grid frequency	50 Hz / 60 Hz
Sound power level	106.5 dB(A) (4,260 kW) 106.9 dB (A) 4,500 kW) Yield and noise-optimised operation. Further modes on request.

ROTOR

Rotor diameter	138.25 m
Swept area	15,011 m²
Type	upwind rotor with active pitch control

TOWER

	IEC IIA	IEC S	IEC IIIA
Hub height	81 m 90 m 99 m	111 m 131 m	160 m

* depending on hub height



More information
and technical details
are available online.

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GENERATOR

Type	directly-driven, separately excited annular generator
Cooling system	air cooling system

FEATURES

STANDARD OPTIONAL

ENERCON SCADA Edge	•	
FACTS & Transmission	•	
ENERCON SCADA FCU - Basic	•	
Yield Optimised Mode	•	
ENERCON Shadow Shutdown		•
ENERCON SCADA Bat Protection		•
Blade Heating & Ice Detection		•
Automatic Fire Extinguishing System		•
Aviation Lights (ADLS)		•
Lower-Emission Steel Tower		•

ANNUAL ENERGY YIELD

