



E-160 EP5 E3

5,560 kW



www.enercon.de

 **ENERCON**
ENERGY FOR THE WORLD

TECHNICAL DATA

E-160 EP5 E3

Last updated: 08/2025. Technical information subject to change.

GENERAL

Nominal power	5,560 kW
Wind class (IEC)	IEC S
Wind zone (DIBt)	WZ S GK S
Turbine concept	gearless, variable speed, full power converter
Design service life	20 years (IEC IIIA) 25 years (IEC IIB)
Cut in wind speed	2.5 m/s
Cut out wind speed	28 m/s
Extreme wind speed at hub height (3-second 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	98.0 - 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

* dependent on hub height

GENERATOR

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

FEATURES

	STANDARD	OPTIONAL
FACTS and transmission	X	
ENERCON SCADA	X	
ENERCON storm control	X	
ENERCON Shadow shutdown		X
ENERCON SCADA bat protection		X
Ice detection system		X
Sector management for wind farms		X
Beacon management for wind farms		X

ANNUAL ENERGY YIELD



— E-160 EP5 E3 / 5,560 kW