TECHNICAL DATA

E-160 EP5 E3

Last updated: 04/2021. Technical information subject to change.

GENERAL

Nominal power: 5,560 kW
Wind class (IEC): IEC IIIA
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 S)
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
Rotational speed: 4.4 - 9.4 rpm
Ambient temperature for normal operation: -10 °C to +40 °C
Extreme temperature range: -20 °C to +50 °C
Grid feed / control system: IGBT-Control
Grid frequency: 50 Hz / 60 Hz
Sound power level: 94.0 - 106.8 dB(A)*

Yield and noise-optimised operation. Further modes on request.

FEATURES

STANDARD OPTIONAL
FACTS and transmission X
ENERCON SCADA X
Low radar reflectivity rotor blades X
Shadow shutdown X
Ice detection system X
Sector management for wind farms X
Beacon management for wind farms X

ANNUAL ENERGY YIELD

MWh per year

Average wind speed at hub height (m/s)

* dependent on hub height

E-160 EPS E3 / 5,560 kW