TECHNICAL DATA
E-160 EP5 E2
Last updated: 08/2020. Technical information subject to change.

GENERAL
Nominal power 5,500 kW
Wind class (IEC) IEC IIIA
Wind zone (DIBt) WZ 5 GK 5
Turbine concept gearless, variable speed, full power converter
Design service life 20 years
Cut in wind speed 2.5 m/s
Cut out wind speed 22 m/s
Extreme wind speed at hub height (3-second gust) 52.5 m/s
Rotational speed 2.98 - 9.4 rpm
Ambient temperature for normal operation -10 °C / -20 °C to +30 °C / +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 94.5 - 106.8 dB(A)*

FEATURES
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

* dependent on hub height