

E82/3000 (Enercon)

Main data

Rated power: 3000 kW
Rotor diameter: 82 m
Available
Class: IEC Ia/Ia
Offshore model: no
Commissioning: 2010

Rotor

Number of blades: 3
Type: Pitch
Swept area: 5281 m²
Power density: 1.76 m²/kW
Maximum speed: 18 rd/min
Manufacturer: Enercon

Tower

Minimum hub height: 59 m
Maximum hub height: 84 m
Manufacturer: SAM

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2 m/s
Rated wind speed: 17 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 18 rd/min
Voltage: 690 V
Manufacturer: Enercon