

E58/1000 (Enercon)

Main data

Rated power: 1000 kW

Rotor diameter: 58 m

Old model

Offshore model: no

Commissioning: 1999

Rotor

Number of blades: 3

Type: Pitch

Swept area: 2642.1 m²

Power density: 2.64 m²/kW

Maximum speed: 24 rd/min

Manufacturer: Enercon

Tower

Minimum hub height: 59 m

Maximum hub height: 89 m

Manufacturer: SAM

Weights

Nacelle: 61 t

Rotor + hub: 21,1 t

Tower: 111 t

Total: 193,1 t

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 13 m/s

Cut-off wind speed: 25 m/s

Generator

Type: SYNC Wounded

Number: 1

Maximum speed: 24 rd/min

Voltage: 440 V

Manufacturer: Enercon