

E82/2350 (Wobben)

Main data

Rated power: 2350 kW
Rotor diameter: 82 m
Old model
Class: IEC Ia
Offshore model: no
Licence: Enercon
Commissioning: 2016

Rotor

Number of blades: 3
Type: Pitch
Swept area: 5281 m²
Power density: 2.25 m²/kW
Maximum speed: 18 rd/min
Manufacturer: Enercon

Tower

Minimum hub height: 78 m
Maximum hub height: 84 m
Manufacturer: Enercon

Weights

Rotor + hub: 55 t

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2 m/s
Rated wind speed: 14 m/s
Cut-off wind speed: 25 m/s

Generator

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