

E82 (Envision)

Main data

Rated power: 1500 kW

Rotor diameter: 82.5 m

Old model

Class: IEC IIIa

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 5345.6 m²

Power density: 3.56 m²/kW

Maximum speed: 19,8 rd/min

Tower

Minimum hub height: 65 m

Maximum hub height: 80 m

Weights

Gearbox

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 10,5 m/s

Cut-off wind speed: 25 m/s

Generator

Type: DFIG