

WT1650-D82 (CSR)

Main data

Rated power: 1650 kW

Rotor diameter: 82.4 m

Old model

Class: IEC IIIa

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 5332.7 m²

Power density: 3.23 m²/kW

Maximum speed: 20 rd/min

Tower

Minimum hub height: 65 m

Maximum hub height: 70 m

Weights

Nacelle: 59,3 t

Rotor + hub: 36,1 t

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 11 m/s

Cut-off wind speed: 25 m/s

Generator