

TWT 1.65/82 (Elseswedy)

Main data

Rated power: 1650 kW

Rotor diameter: 82 m

Old model

Class: IEC IIIa

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 5281 m²

Power density: 3.2 m²/kW

Maximum speed: 18 rd/min

Tower

Minimum hub height: 71 m

Maximum hub height: 71 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 14,5 m/s

Cut-off wind speed: 25 m/s

Generator

Type: SYNC

Number: 1

Maximum speed: 18 rd/min

Voltage: 690 V