

Directwind 500/61 (EWT)

Main data

Rated power: 500 kW
Rotor diameter: 61 m
Available
Class: IEC IIIa
Offshore model: no
Commissioning: 2015

Rotor

Number of blades: 3
Type: Pitch
Swept area: 2922.5 m²
Power density: 5.84 m²/kW
Maximum speed: 24 rd/min

Tower

Minimum hub height: 35 m
Maximum hub height: 75 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 10 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC
Number: 1
Maximum speed: 22 rd/min