

Directwind 500/54 (EWT)

Main data

Rated power: 500 kW
Rotor diameter: 54 m
Available
Class: IEC IIIa
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 2290.2 m²
Power density: 4.58 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: 3 m/s
Rated wind speed: 11 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC
Number: 1
Maximum speed: 28 rd/min
Voltage: 690 V
Manufacturer: EWT