

LTW77-1000 (Leitwind)

Main data

Rated power: 1000 kW

Rotor diameter: 77 m

Old model

Class: IEC IIa/IIa+

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 4656.6 m²

Power density: 4.66 m²/kW

Maximum speed: 18 rd/min

Tower

Minimum hub height: 61,5 m

Maximum hub height: 80 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2,5 m/s

Rated wind speed: 11 m/s

Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM

Number: 1

Maximum speed: 24 rd/min

Voltage: 690 V