

LTW80-1650 (Leitwind)

Main data

Rated power: 1650 kW

Rotor diameter: 80 m

Available

Class: IEC IIa

Offshore model: no

Commissioning: 2017

Rotor

Number of blades: 3

Type: Pitch

Swept area: 5026.5 m²

Power density: 3.05 m²/kW

Maximum speed: 17,5 rd/min

Tower

Minimum hub height: 60 m

Maximum hub height: 80 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 13 m/s

Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM

Number: 1

Maximum speed: 17,5 rd/min

Voltage: 690 V

Manufacturer: Leitner