

LTW77-1500 (Poma Leitwind)

Main data

Rated power: 1500 kW
Rotor diameter: 76.8 m
Old model
Class: IEC IIa
Offshore model: no
Licence: Leitwind

Rotor

Number of blades: 3
Type: Pitch
Swept area: 4632.5 m²
Power density: 3.09 m²/kW
Maximum speed: 20,9 rd/min

Tower

Minimum hub height: 61,5 m
Maximum hub height: 80 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 14 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 20,9 rd/min
Voltage: 690 V