

S82 (Nordex)

Main data

Rated power: 1500 kW

Rotor diameter: 82 m

Old model

Class: IEC IIIa

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 5281 m²

Power density: 3.52 m²/kW

Tower

Minimum hub height: 100 m

Maximum hub height: 100 m

Weights

Gearbox

Gearbox: yes

Stages: 3

Wind speeds

Cut-in wind speed: 3,5 m/s

Rated wind speed: 13 m/s

Cut-off wind speed: 25 m/s

Generator

Voltage: 690 V