

IV-82-1500 (IMPSA)

Main data

Rated power: 1500 kW
Rotor diameter: 82.3 m
Available
Class: IEC III (DIBt II)
Offshore model: no
Licence: Vensys

Rotor

Number of blades: 3
Type: Pitch
Swept area: 5319.7 m²
Power density: 3.55 m²/kW
Maximum speed: 17,3 rd/min

Tower

Minimum hub height: 85 m
Maximum hub height: 100 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 12,5 m/s
Cut-off wind speed: 22 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 17,3 rd/min
Voltage: 789 V