

IV-77-1500 (IMPSA)

Main data

Rated power: 1500 kW
Rotor diameter: 77 m
Available
Class: IEC IIa/IIIa (BIDt II)
Offshore model: no
Licence: Vensys

Rotor

Number of blades: 3
Type: Pitch
Swept area: 4656.6 m²
Power density: 3.1 m²/kW
Maximum speed: 17,3 rd/min

Tower

Minimum hub height: 61,5 m
Maximum hub height: 100 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 22 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 17,3 rd/min
Voltage: 690 V