

J82 (JSW)

Main data

Rated power: 2000 kW

Rotor diameter: 83.3 m

Old model

Class: IEC S

Offshore model: yes

Rotor

Number of blades: 3

Type: Pitch

Swept area: 5449.8 m²

Power density: 2.72 m²/kW

Maximum speed: 19 rd/min

Manufacturer: Aerpac

Tower

Minimum hub height: 70 m

Maximum hub height: 70 m

Weights

Nacelle: 34 t

Rotor + hub: 42 t

Tower: 145 t

Total: 221 t

Gearbox

Direct drive

Wind speeds

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

Rated wind speed: 13 m/s

Cut-off wind speed: 25 m/s

Generator

Type: ASYNC

Number: 1

Maximum speed: 19 rd/min

Voltage: 660 V