

PS-1800 (RRB Energy)

Main data

Rated power: 1800 kW

Rotor diameter: 82 m

Available

Class: IEC II/III

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 5281 m²

Power density: 2.93 m²/kW

Maximum speed: 17 rd/min

Tower

Minimum hub height: 80 m

Maximum hub height: 100 m

Weights

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 60,95

Wind speeds

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

Rated wind speed: 15 m/s

Cut-off wind speed: 25 m/s

Generator

Type: ASYNC

Number: 1

Maximum speed: 1036 rd/min

Voltage: 690 V