

57/1000 (Repower)

Main data

Rated power: 1000 kW

Rotor diameter: 57 m

Old model

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 2551.8 m²

Power density: 2.55 m²/kW

Maximum speed: 23 rd/min

Tower

Minimum hub height: 55 m

Maximum hub height: 70 m

Weights

Nacelle: 60 t

Tower: 55 t

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 67

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 13 m/s

Cut-off wind speed: 25 m/s

Generator

Type: ASYNC

Number: 1

Maximum speed: 1500 rd/min

Voltage: 690 V

