

48/600 (Repower)

Main data

Rated power: 600 kW
Rotor diameter: 48.4 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 1839.8 m²
Power density: 3.07 m²/kW
Maximum speed: 21 rd/min

Tower

Minimum hub height: 50 m
Maximum hub height: 75 m

Weights

Nacelle: 25 t
Rotor + hub: 9,5 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 72

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 14,5 m/s
Cut-off wind speed: 20 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1523 rd/min
Voltage: 690 V