

D6-1000 (Dewind)

Main data

Rated power: 1000 kW
Rotor diameter: 62 m
Old model
Class: IEC III
Offshore model: no
Commissioning: 2000

Rotor

Number of blades: 3
Type: Pitch
Swept area: 3019.1 m²
Power density: 3.02 m²/kW
Maximum speed: 25,2 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 65 m
Maximum hub height: 91,5 m

Weights

Nacelle: 44 t
Rotor + hub: 30 t
Tower: 120 t
Total: 194 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 54

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 23 m/s

Generator

Type: DFIG
Number: 1
Maximum speed: 1000 rd/min
Voltage: 690 V