

V44/600 (Vestas)

Main data

Rated power: 600 kW
Rotor diameter: 44 m
Old model
Offshore model: no
Commissioning: 1995

Rotor

Number of blades: 3
Type: Pitch
Swept area: 1520.5 m²
Power density: 2.53 m²/kW
Maximum speed: 28 rd/min
Manufacturer: Vestas

Tower

Minimum hub height: 40 m
Maximum hub height: 63 m

Weights

Nacelle: 19,8 t
Rotor + hub: 9,2 t
Tower: 58 t
Total: 87 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 51
Manufacturer: Hansen

Wind speeds

Cut-in wind speed: 5 m/s
Rated wind speed: 16 m/s
Cut-off wind speed: 20 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1650 rd/min
Voltage: 690 V
Manufacturer: Weier

