

V66/1650 (Vestas)

Main data

Rated power: 1650 kW
Rotor diameter: 66 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 3421.2 m²
Power density: 2.07 m²/kW
Maximum speed: 19 rd/min
Manufacturer: Vestas

Tower

Minimum hub height: 60 m
Maximum hub height: 78 m

Weights

Nacelle: 53 t
Rotor + hub: 22,8 t
Tower: 141 t
Total: 216,8 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 98
Manufacturer: Brook, Hansen

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 17,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 2
Maximum speed: 1500 rd/min
Voltage: 690 V
Manufacturer: Weier, ABB