

W120/21 (Wind World)

Main data

Rated power: 120 kW
Rotor diameter: 20.8 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 339.8 m²
Power density: 2.83 m²/kW
Maximum speed: 42,6 rd/min

Tower

Minimum hub height: 24 m
Maximum hub height: 24 m

Weights

Nacelle: 3,1 t
Tower: 7,5 t

Gearbox

Gearbox: yes
Gear ratio: 23
Manufacturer: Wind World

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 14 m/s
Cut-off wind speed: 25 m/s

Generator

Voltage: 380 V