

900s (Enron)

Main data

Rated power: 900 kW
Rotor diameter: 54 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 2290.2 m²
Power density: 2.54 m²/kW
Maximum speed: 28 rd/min
Manufacturer: Tecsis

Tower

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

Weights

Nacelle: 29 t
Rotor + hub: 14 t
Tower: 45 t
Total: 88 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 65
Manufacturer: Eickhoff

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 14,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC DF
Number: 1
Maximum speed: 2000 rd/min
Voltage: 690 V
Manufacturer: Loher