

1.6-100 (GE Energy)

Main data

Rated power: 1600 kW
Rotor diameter: 100 m
Old model
Class: IEC S
Offshore model: no
Commissioning: 2011

Rotor

Number of blades: 3
Type: Pitch
Swept area: 7854 m²
Power density: 4.91 m²/kW
Maximum speed: 16,7 rd/min

Tower

Minimum hub height: 80 m
Maximum hub height: 100 m

Weights

Nacelle: 65 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 115

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 11 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC DF
Number: 1
Voltage: 690 V

