

EX-100/100-2500 (Extol Wind)

Main data

Rated power: 2500 kW
Rotor diameter: 100 m
Available
Class: IEC IIb/IIIa
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 7854 m²
Power density: 3.14 m²/kW
Maximum speed: 17 rd/min

Tower

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

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 11,5 m/s
Cut-off wind speed: 24 m/s

Generator

Type: SYNC PM
Maximum speed: 17 rd/min
Voltage: 690 V