

SL 1500/82 (Sinovel)

Main data

Rated power: 1500 kW

Rotor diameter: 82.9 m

Available

Class: IEC II/III

Offshore model: no

Rotor

Number of blades: 3

Swept area: 5397.6 m²

Power density: 3.6 m²/kW

Tower

Minimum hub height: 65 m

Maximum hub height: 100 m

Weights

Gearbox

Gearbox: yes

Stages: 2

Wind speeds

Cut-in wind speed: 3,5 m/s

Rated wind speed: 11 m/s

Cut-off wind speed: 20 m/s

Generator

Type: DFIG

Maximum speed: 1800 rd/min

Voltage: 690 V

Manufacturer: Pitch