

3.6-118 (Mervento)

Main data

Rated power: 3600 kW
Rotor diameter: 118 m
Old model
Class: IEC IIA
Offshore model: yes
Commissioning: 2012

Rotor

Number of blades: 3
Type: Pitch
Swept area: 10935.9 m²
Power density: 3.04 m²/kW
Maximum speed: 12,6 rd/min

Tower

Minimum hub height: 78 m
Maximum hub height: 125 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 11,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM
Voltage: 3900 V