

Technical Sheet

General details	
Rated power	3.465MW
Wind class	IEC class III/S
Flexible power rating	3.6MW 3.75MW
Control	Pitch and variable control
Standard operating temperature	0°C to +45°C
Rotor	
Diameter	145m
Swept area	16,513m ²
Power density	209.8 W/m ²
Blades	
Length	71m
Airfoils (Design)	Siemens Gamesa
Material	Fiberglass reinforced with epoxy resin
Tower	
Type	Tubular steel tower
Height	127.5m, 133.5m and 146m
Gearbox	
Type	3 stages (2 planetary + 1 parallel)
Generator	
Type	Double fed induction generator
Voltage	690V _{AC}
Frequency	50Hz
Protection class	IP54
Power factor	0.95 (cap) to 0.95 (ind)

Power Curve

