



SWT-DD-120

Technical specifications

SWT-DD-120

General details

Flexible power rating	3.9-4.3 MW
Wind class	IEC IA/S/T
Control	Pitch regulation with variable speed
Standard operating temperature	Range from -20°C to 40°C

Rotor

Diameter	120 m
Swept area	11,300 m ²
Power density	380.53 W/m ²

Blades

Length	58.6 m
Airfoils	Siemens Gamesa proprietary airfoils
Material	Fiberglass reinforced with epoxy

Tower

Type	Tubular steel tower
Height	85 m and site-specific

Generator

Type	Synchronous, PMG
Voltage	690 V AC
Frequency	50 Hz or 60 Hz
Power factor	0.93 CAP-0.93 IND throughout the power range

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