



SWT-DD-142

Technical specifications

SWT-DD-142

General details

Flexible power rating	3.5-4.1 MW
Wind class	IEC IIB
Control	Pitch regulation with variable speed
Standard operating temperature	Range from -20°C to 40°C

Rotor

Diameter	142 m
Swept area	15,800 m ²
Power density	259.5 W/m ²

Blades

Length	69.3 m
Airfoils	LM Wind Power proprietary airfoils
Material	Fiberglass reinforced with epoxy

Tower

Type	Tubular steel or hybrid steel/concrete
Height	Steel: 109, 129 m and site-specific Hybrid steel/concrete: 165 m

Generator

Type	Synchronous, PMG
Voltage	690 V AC
Frequency	50 Hz or 60 Hz
Power factor	0.9 CAP-0.9 IND throughout the power range

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