



# SWT-3.4-101

## Technical specifications

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### General details

Rated power	3.4 MW
Wind class	IEC IA
Control	Pitch regulation with variable speed
Standard operating temperature	Range from -20°C to 40°C

### Rotor

Diameter	101 m
Swept area	8,000 m <sup>2</sup>
Power density	425 W/m <sup>2</sup>

### Blades

Length	49 m
Airfoils	Siemens proprietary airfoils, NACA-63-xxx, FFA-W3-XXX
Material	Fiberglass reinforced with epoxy

### Tower

Type	Tubular steel tower
Height	74.5, 89.5 or 94 m

### Generator

Type	Synchronous, PMG
Voltage	690 V AC
Frequency	50 Hz or 60 Hz
Power factor	0.95 CAP-0.95 IND throughout the power range

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09/2018