

# TECHNICAL INFORMATION

## System Specification

Model	WinDS3000™	
Operational data	Rated Power	3,000 kW
	Power Regulation	Pitch regulated
	IEC Class	IA
	Cut-in Wind Speed	3 m/s
	Rated Wind Speed	13 m/s
	Cut-out Wind Speed	25 m/s
	Ambient Survival Temperature	-20°C to 50°C
	Ambient Operating Temperature	-15°C to 40°C
	Rotor Diameter	91.3 m
	Rated Rotor Speed	15.7 rpm
Blade	Length	44 m
	Maximum Chord Length	4.15 m
	Swept Area	6,539 m <sup>2</sup>
Drive-train	Gearbox	2 Planetary + 1 Parallel
	Generator	PMSG
	Converter Type	Full power converter
	Grid Frequency	50/60 Hz
Tower	Tower Type	Tubular steel tower
	Hub Height	80 m
Additional data	Extreme Survival Wind Speed	70 m/s
	System Design Life	20 years
	Certification Guideline	Germanischer Lloyd

## Power Curve

