

THE 2.3M120

OPTIMIZED FOR MEDIUM WIND SEGMENT



The Senvion 2.XM Series

Our new 2MW+ series wind turbine generator with a hub height of 120m has been optimized for higher yields at medium – low wind site. With an operating temperature range of upto 40 °C, it can also be operated in tropical climates. The supply chain is localized. The 2.XM series is fully compliant with Indian grid code requirement.

Design Data

Nominal Power (kW)	2300
Cut in wind speed (m/s)	3.0
Cut out wind speed (m/s)	20.0
Nominal wind speed (m/s)	11.0
Operating Temperature range (°C)	-10 to 40
Survival Temperature range (°C)	-20 to 50

Rotor

Diameter (m)	120.0
Rotor Area (m2)	11,310
Power Control	Electrical pitch system

Certification

Hub Height (m)	Wind Class	DIBt wind zone	Transformer
120	IEC S (based on IIIB)	-	ETS

Tower

Max. sound power level (dB[A])	107.0
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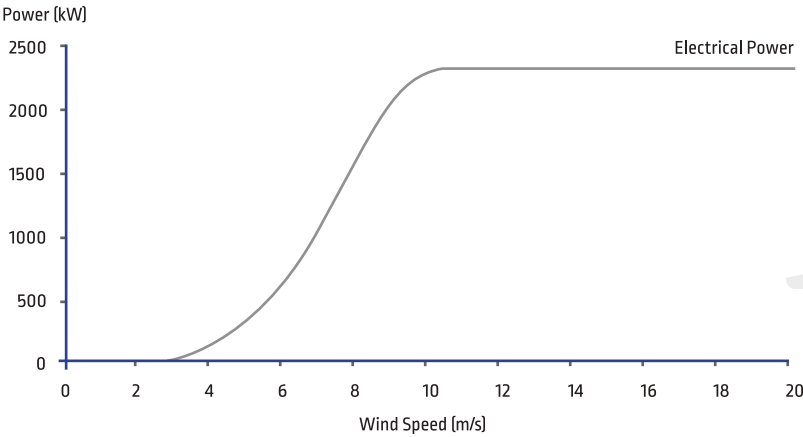
Electrical System

Nominal Frequency (Hz)	50
Converter Type	Converter (Full power conversion)
Generator	Electrically excited synchronous generator
Generator protection class	IP 54

Rotor Blade

Length (m)	LM 58.7
Type	GFRP

Power Curve





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