

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]	2330
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 [m ²]	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

