

THE 2.7M130*

OPTIMISED FOR LOW WIND SITES



The Senvion 2.XM Series

Our new 2MW+ series wind turbine generator with a hub height of 130/140m has been optimized for higher yields at medium – low wind site. With an operating temperature range of upto 49 °C. Based on the tried-and-tested technology the new platform has been enhanced using innovative components as well as off-the-shelf components from top suppliers and our supply chain is localized. The 2.XM series is fully compliant with Indian grid code requirement as on date.

*Commercially available only in India

Design Data

Nominal Power (kW)	2700
Cut in wind speed (m/s)	3.0
Cut out wind speed (m/s)	20.0
Nominal wind speed (m/s)	12.0
Operating Temperature range [°C]	0 to 49
Survival Temperature range [°C]	-20 to 50

Rotor

Diameter (m)	130.0
Rotor Area (m²)	13,273
Power Control	Electrical pitch system

Certification

Wind Class	IEC S
Type Testing	IEC 61400-22

Tower

Type	Tubular steel tower
Height	Up to 140m

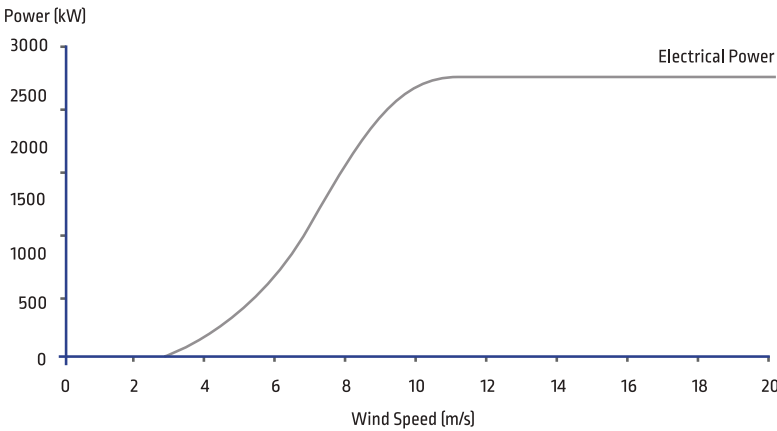
Electrical System

Nominal Frequency (Hz)	50
Converter Type	Frequency converter for DFIG with DC Link
Generator	Double-fed induction generator (DFIG)
Generator protection class	IP 54

Rotor Blade

Length (m)	63.7
Profile Type	SE 63.7
Material	GFRP

Power Curve





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