

THE 3.1M130*

OPTIMISED FOR LOW AND MEDIUM WIND SITES



The Senvion 3.XM Series

Our new 3MW+ series wind turbine generator with a hub height of 130m has been optimized for higher yields at medium – low wind site. With an operating temperature range of upto 49 °C, it can also be operated in tropical climates. The supply chain is localized. The 3.XM series is fully compliant with Indian grid code requirement

*Under type-testing. Commercially available only in India

Design Data

Nominal Power [kW]	3100
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]	-10 to +49
Survival Temperature range [°C]	-20 to +50

Rotor

Diameter [m]	130.0
Rotor Area [m ²]	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

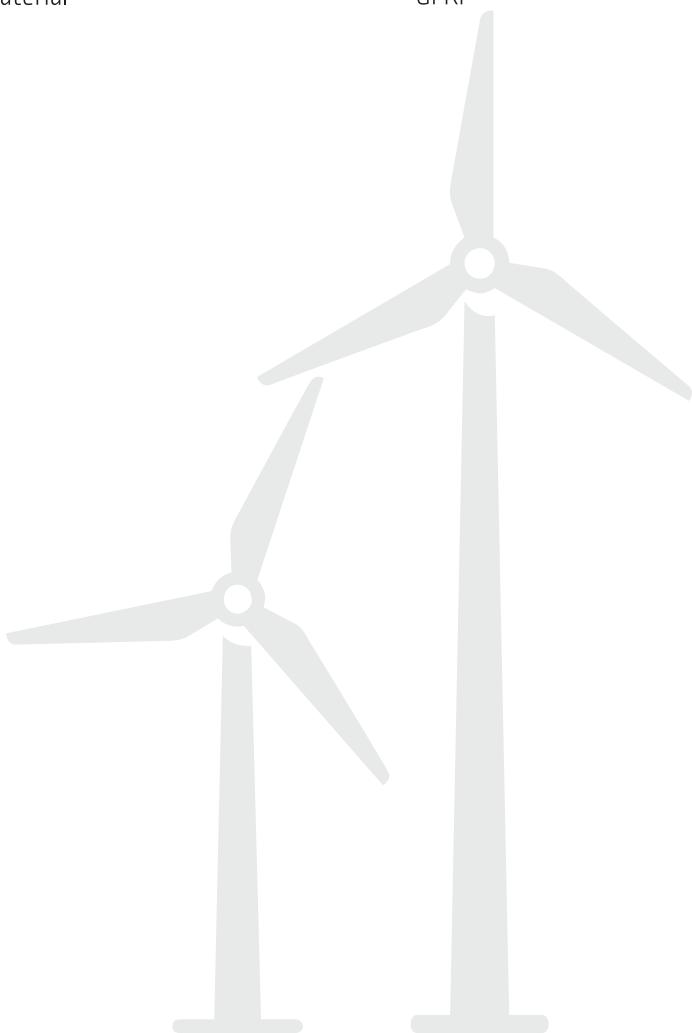
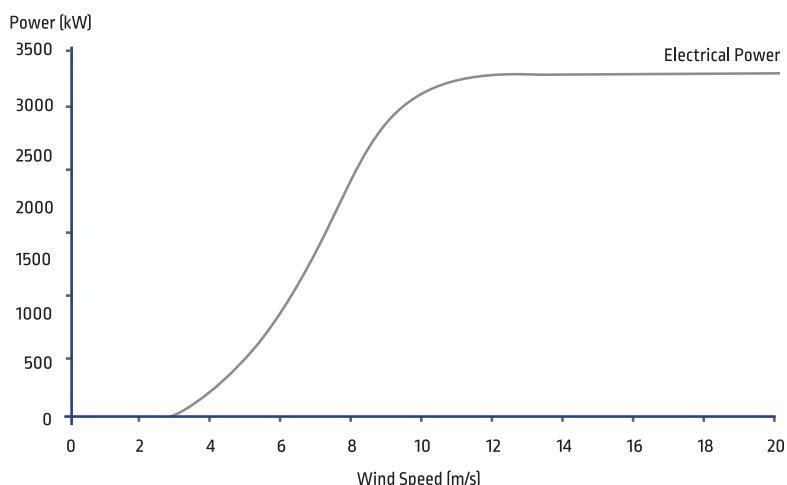
Electrical System

Nominal Power[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





SENVION
We make wind perform.



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