

# 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 <sup>2</sup> )	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

