

The 2.7M130. Optimized for medium wind segment.



The Senvion 2.XM series

Our new 2 MW series has been optimized for higher yields at medium-wind locations with an operating temperature range of up to +45 °C it can also be operated in tropical climates. 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. Our supply chain is localized. In addition, the 2.XM series meets the grid requirements of 2 MW markets and provides customers with a project-specific choice of hub heights.

SENVION
We make wind perform.

Technical data

Design Data

Nominal power (kW)	2,700
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 °C to +45 °C

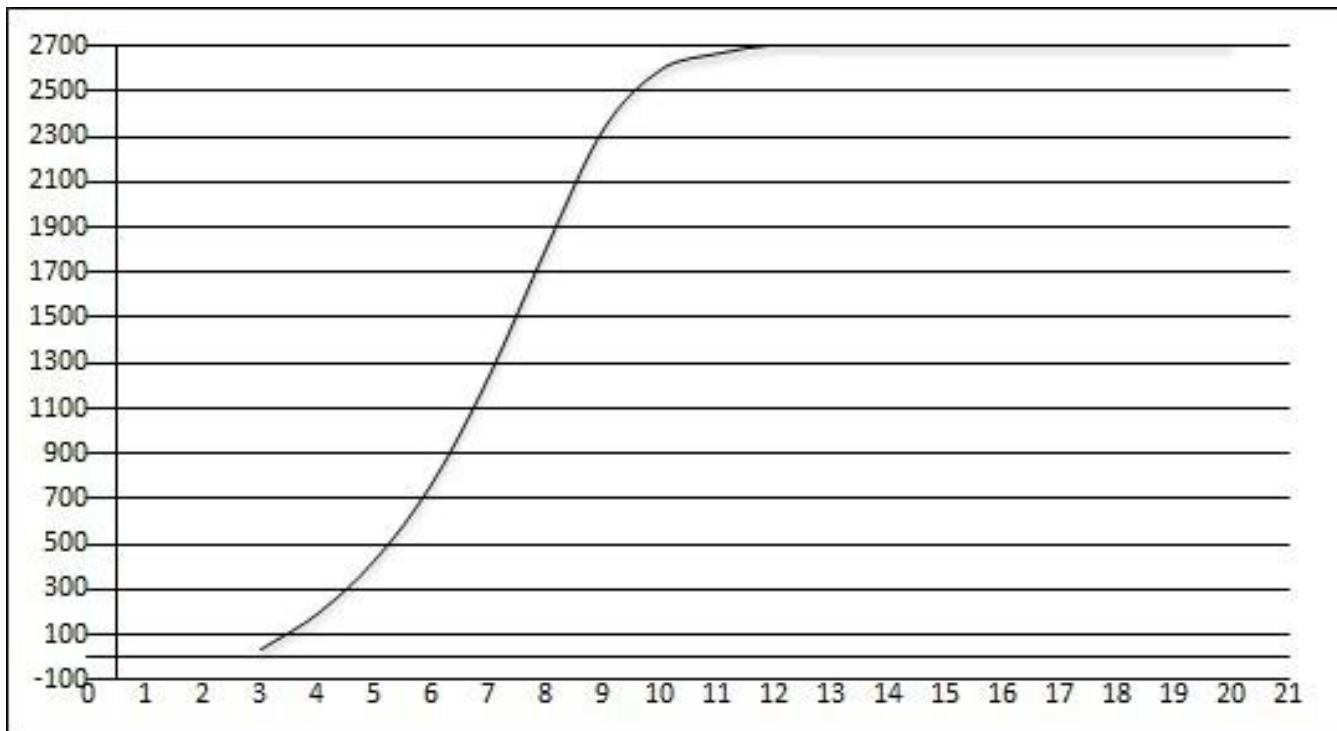
Certification

Hub height (m)	Wind class	DIBt wind zone	Transformer
120 and 130	IEC S	—	ETS

Rotor

Diameter (m)	130.0
Rotor area (m ²)	13,273
Power control	Electrical pitch system

Power curve



Electrical System

Nominal Frequency (Hz)	50
Converter type	Frequency converter
Generator	Double-fed induction generator
Generator protection class	IP 54

Sound Power Level

Max. sound power level (dB (A))	109.0
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Rotor blade

Length (m)	63.7
Type	GFRP

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