

# THE 4.2M160\*

OPTIMIZED FOR LOW TO MEDIUM WIND SEGMENT



## The Senvion M160 Turbine

Introducing our new 4XM wind turbine platform, which is optimised for higher yields at low-wind sites with hub heights of up to 140 metres. Our innovative design uses off-the-shelf parts from top suppliers and local supply chain integration. With an operating temperature range of -10 to +45°C, our platform meets all the Indian grid code requirements. Trust the proven technology of Senvion to power your wind energy investment.

\*\*Under type-testing. Commercially available from 2025

Design Data		Rotor	
Nominal Power (kW)	4200	Diameter (m)	160.0
Cut in wind speed (m/s)	3.0	Rotor Area (m²)	20,108
Cut out wind speed (m/s)	20.0	Power Control	Electrical pitch system
Nominal wind speed (m/s)	11.0		
Operating Temperature range (°C)	-10 to 45		
Survival Temperature range (°C)	-20 to 50		

Certification		Tower	
Wind Class	IEC S III C	Type	Tubular steel tower
Type Testing	IEC61400-22/IECRE OD 501	Height	140m

Electrical System		Rotor Blade	
Nominal Frequency (Hz)	50	Length (m)	78.5
Converter Type	Partial converter DFIG	Profile Type	SE 63.7
Generator	Double-fed induction generator (DFIG)	Material	GFRP
Generator protection class	IP 54		

