

**SUZLON**  
POWERING A GREENER TOMORROW

**S128**

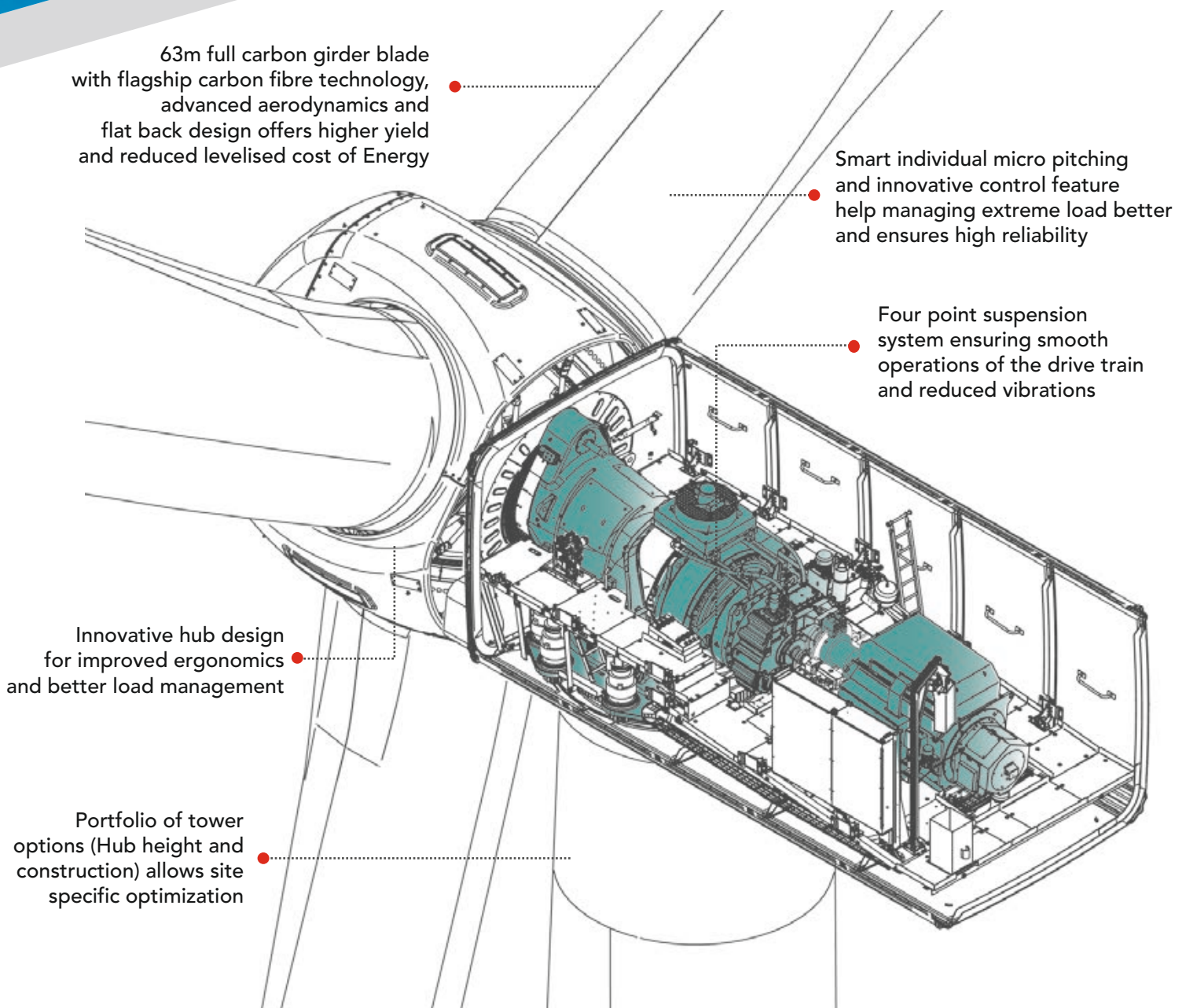


# THE SUZLON GROUP

Suzlon Group is among the world's leading renewable energy solutions provider and is spread across 18 countries in Asia, Australia, Europe, Africa and the Americas. With over two decades of operational track record, the Group has a cumulative installation of over 18.8 GW of wind energy capacity, over 5,450 employees with diverse nationalities and several world-class manufacturing facilities.

Suzlon is the only Indian wind energy company with large in-house Research and Development (R&D) centres in Germany, the Netherlands, Denmark and India. Over 12.9 GW of the Group's installations in India account for 33% of the country's wind installations, thus making Suzlon the largest player in this sector. The company has also forayed into the solar space. The Group headquartered at Suzlon One Earth in Pune, India comprises Suzlon Energy Limited and its subsidiaries.

## KEY DESIGN FEATURES



# S128

## SHIFTING THE PARADIGM

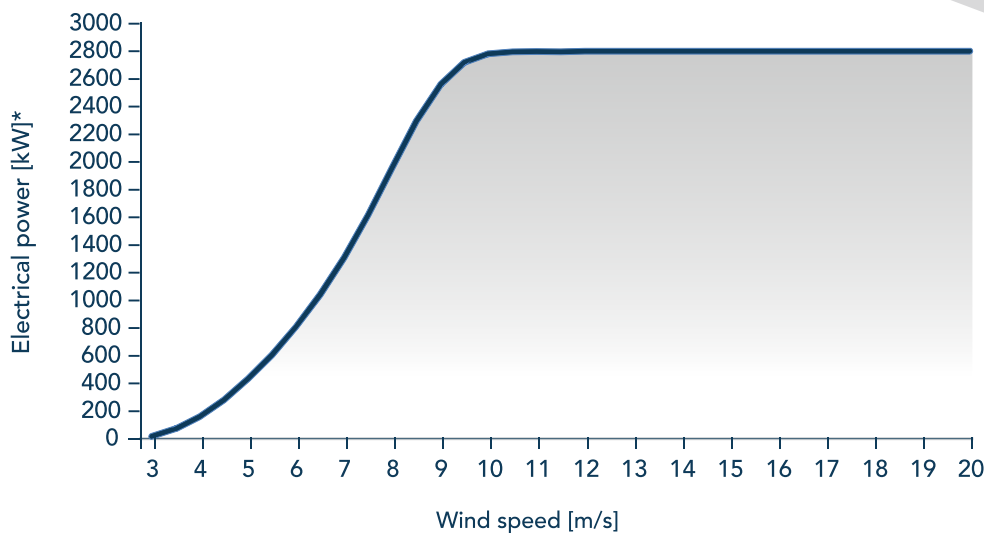
Suzlon's research and development experts across the globe has once again shifted the paradigm with S128 Wind Turbine Generator.

S128 meets the requirement of strictest grid regulations and is designed for moderate to low wind sites across the world.

63m long flagship carbon fibre technology blade allows lower weight and advanced aerodynamics along with flat back design offers higher yield.

Various Tower options for height and constructions allows site specific optimization, helping customers with best in class Levelised cost of energy.

## POWER CURVE

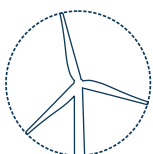


## TECHNICAL SPECIFICATIONS



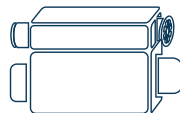
### OPERATING DATA:

Wind class - IEC S  
Rated power - 2.7 MW  
Cut-in wind speed - 3.0m/s  
Rated wind speed - 9.5m/s  
Cut-out wind speed - 30.0m/s (3-second average)  
20.0m/s (10-minute average)



### ROTOR:

Rotor diameter - 129m  
Swept area - 13,070m<sup>2</sup>



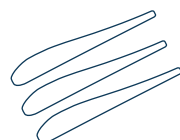
### GENERATOR:

Frequency - 50Hz / 60Hz  
Type - Slip ring asynchronous generator



### TOWER:

Hub heights - Up to 140m  
Type - Steel Tubular | Hybrid Lattice | Hybrid Concrete



### BLADE:

Make - Suzlon SB63

\*The power curve has been created according to IEC 61400-12 guidelines. The actual power curve on specific sites varies due to site-specific conditions.



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