



The winds of change.
Stronger than ever.

The SG 15-236

SIEMENS Gamesa
RENEWABLE ENERGY

The SG 15-236: Powering change

Safely producing clean energy has been our mission since the very beginning. Now, with a growing need to meet climate challenges, the winds of change power us more than ever. The SG 15-236 is the next step towards this goal: With a 236 meter rotor and up to 15.5 megawatt capacity with Power Boost, we offer proven technology to deliver sustainable energy.

A future powered by clean energy needs safe and reliable technology. Since first introducing our offshore Direct Drive technology, we have developed our turbines to fit the needs of our customers. We believe that together, we can contribute to a more sustainable world.

We went bigger – for the better

Enhancing and upgrading our proven Direct Drive technology has allowed us to raise the yield of our turbine by increasing the rotor diameter to 236 meters – using the 115 meter-long B115 blades, and the nominal power to 15MW. This enables the SG 15-236 to offer more than 30% Annual Energy Production compared to the SG 11-200 in similar conditions.

Offshore is in our DNA

Developing offshore technology is not just what we do, it is part of who we are. We strive to make a difference and we are committed to safely maximizing operational performance while minimizing technological risks. Step by step development of proven technology will also for our SG 15-236 ensure low risk and high availability for our customers. From both an environmental and a financial point of view, we're committed to driving the offshore wind industry to levels where clean energy becomes the indisputable global choice for power generation.

Trusted technology

Our Direct Drive technology, IntegralBlade®, tower concepts, as well as maintenance and safety systems have evolved over generations of offshore wind turbines. Features such as



High Wind Ride Through and the Power Boost function enable our turbines to produce even more energy while maintaining an industry-leading availability.

We ensure unmatched reliability through extensive testing in one of the world's largest dedicated wind turbine test centers. With every new generation of our offshore Direct Drive technology, component improvements allow for greater performance while maintaining the proven dependability of the technology.

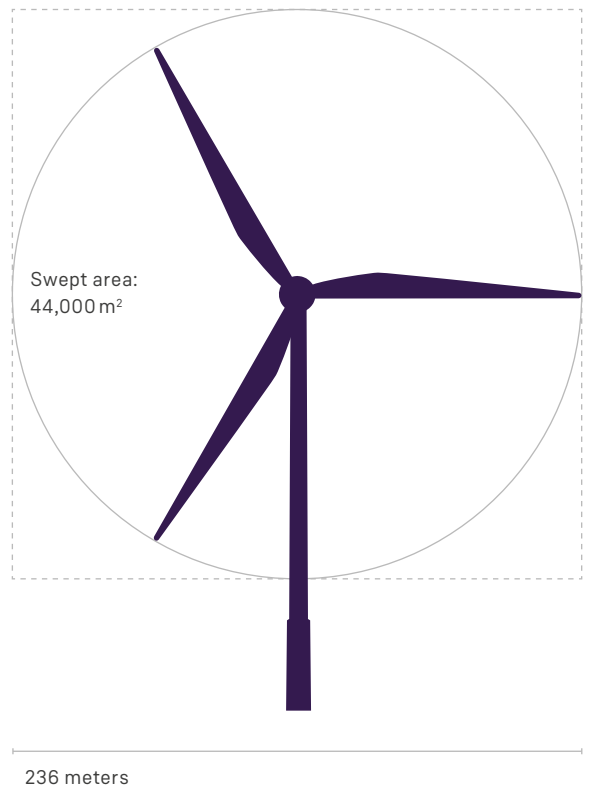
Well-established value chain

When introducing a new product to our offshore Direct Drive platform, we are able to reduce time to market: standardized processes and a fully-developed and industrialized supply chain make this possible.

Tested parts and components from trusted suppliers provide Siemens Gamesa with a strong, well-established value chain. Thanks to extensive experience, our processes run seamlessly, and our employees have the skills to deliver great results.

Sustainability is the obvious choice

With our newest turbine, cutting-edge industry technology, and three decades of offshore experience, we have everything it takes to make a difference. By providing our customers with trusted technology to deliver cost-efficient, and sustainable energy, we have the unique opportunity to power and be powered by the winds of change.



236 meters

SG 15-236	
IEC class	I, S
Nominal power	15 MW
Rotor diameter	236 m
Blade length	115 m
Swept area	44,000 m ²
Hub height	Site-specific
Power regulation	Pitch-regulated, variable speed

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