S&G Engineering

The Wind Turbine Technology Provider

We herewith present our newest wind turbine designs for technology transfer

S-Class: 50 -100 kW (Direct Drive – PM Generator)

• M-Class: 500-750 kW (Gearbox and PM Generator)

• L-Class: 1700 kW (Gearbox and PM Generator)

• XL-Class: 2500-3000 kW (Direct Drive - PM Generator)

All turbines are designed according to the valid international standards (IEC, GL), long term tested and proven in the field

S&G is the technology provider with the broadest range of wind turbine technologies from 50 kW to 3 MW

ALL DESIGNS ARE AVAILABLE FOR LICENSING

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Product Family: 2500-2700kW



XL-Class

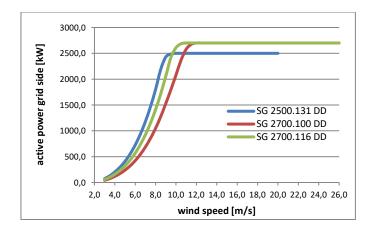
SG2500.131 DD SG2700.100 DD SG2700.116 DD



The advantages

- permanent magnet synchronous generator
- intelligent power converter
- excellent grid connection
- low maintenance and lifecycle costs
- · noise-optimized design
- · high availability
- wind class IEC IIA, IEC IIIA and SA 6.5
- varying tower heights: 100m, 120m

The innovative gearless drive train concept (direct drive) enables excellent efficiency, especially in partial load range and ease of service throughout the lifecycle. The turbines of the Multi-MW platform are available for three different wind speeds: IEC IIA, IEC IIIA and SA 6.5. In addition the available tower heights allow a customized design and thus lead to an optimal costbenefit ratio for every site.



Power curves of all variants



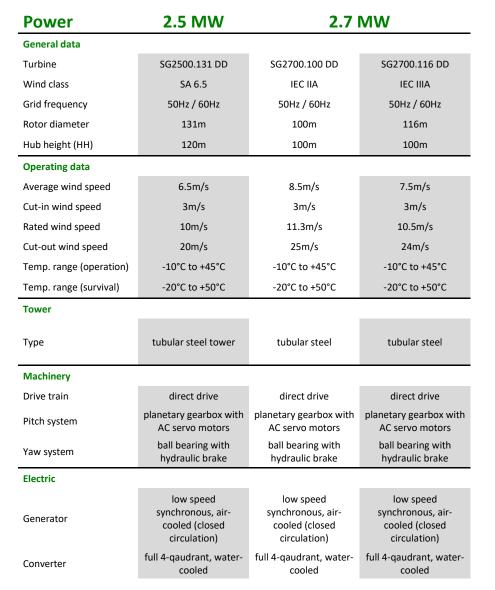












Variants of Multi-MW platform

