



Gamesa



GAMESA G114-2.0 MW

GREATER ENERGY PRODUCED FROM LOW WIND SITES

As part of its ongoing commitment to technological solutions that guarantee maximum profit for its customers, Gamesa has launched the new G114-2.0 MW wind turbine.

With a new 114 meter rotor and 2.0 MW rated power, the Gamesa G114-2.0 MW is the new Class III model for the Gamesa G9X-2.0 MW platform, one of the most successful in the industry, having over 12 GW installed capacity and availability levels well above 98%.

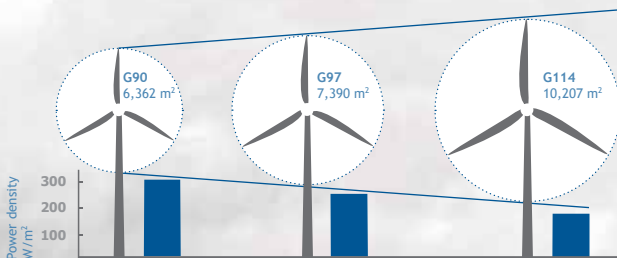
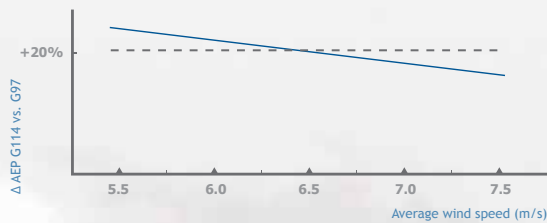
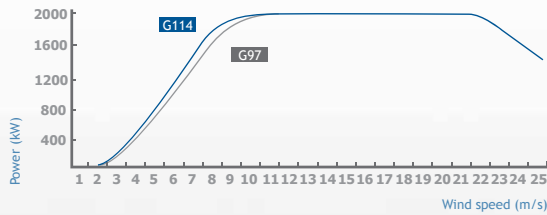
Available for quote in 2012, the low power density featured on this model sets a new industry standard for profitability in low-wind locations.

- ▶ MINIMUM POWER DENSITY
- ▶ IMPROVED CoE
- ▶ MAXIMUM PROFITABILITY

MORE ENERGY PRODUCTION IN LOW-WIND LOCATIONS

The Gamesa G114-2.0 MW wind turbine inherits many of the technologies developed over 10 years with the Gamesa G9X-2.0 MW platform.

Now, with a new 114 m rotor, the Gamesa G114-2.0 MW has a 38% larger swept area than the Gamesa G97-2.0 MW and produces over 20% more energy annually. The new 55.5 m blade with state-of-the-art airfoil design ensures maximum energy production, reduced noise levels and a significantly lower Cost of Energy for Gamesa's Class III products.



SPECIFICATIONS

General Details

Rated power	2.0 MW
Wind class	IIIA
Rotor diameter	114m
Swept area	10,207m ²
Power density	195.94 W/m ²
Control	Independent pitch and variable speed
Gearbox	3 stages
Generator	Doubly fed
Frequency	50 Hz / 60 Hz

Blades

Length	55.5 m
Airfoil	Gamesa

Towers

Height	93, 120, 140 m and site-specific
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