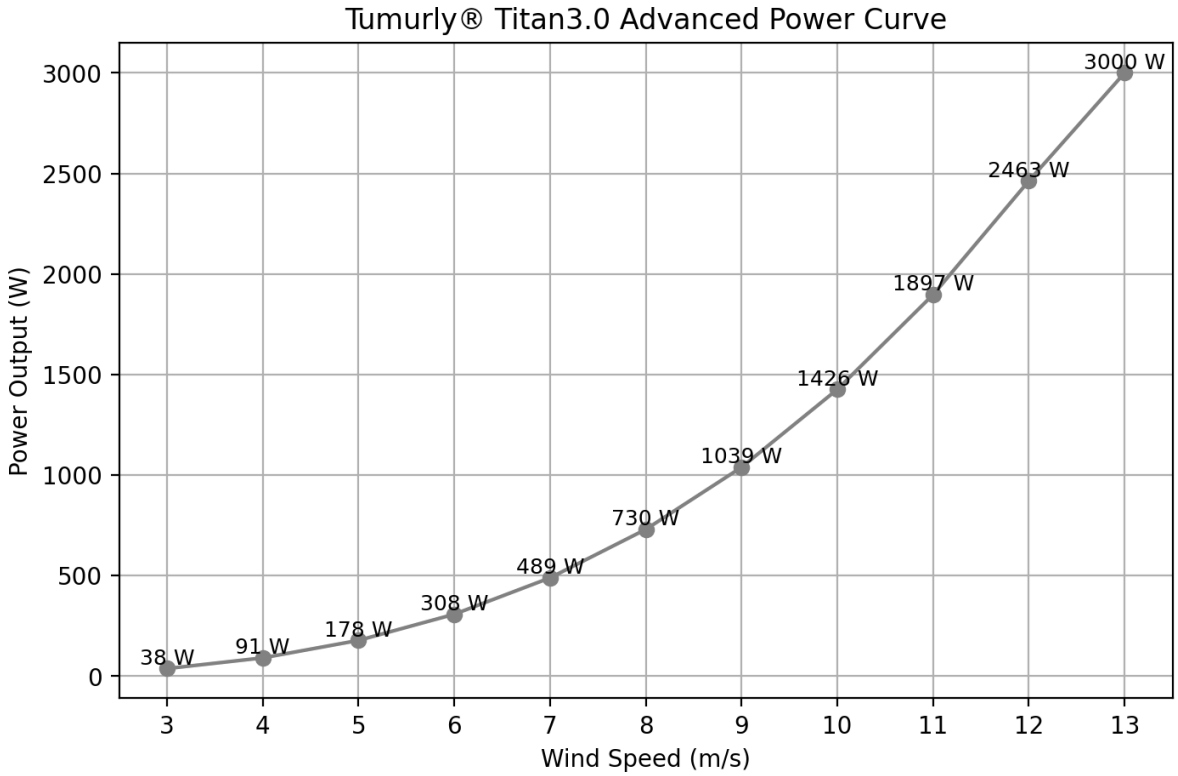
Performance Report

Tumurly® Titan3.0 Advanced



The Tumurly® Titan3.0 Advanced is a high-efficiency 3.0 kW wind turbine developed through extensive R&D to deliver reliable and stable performance in small-scale wind energy applications. Rated at a wind speed of 13 m/s, the turbine features a 3.20 m rotor diameter, providing optimized aerodynamic performance and efficient energy capture under standard air density conditions (1.225 kg/m^3).

Equipped with a Permanent Magnet Generator (PMG) and aerodynamically optimized fiberglass blades, the Titan3.0 operates from a low cut-in wind speed of 3 m/s, ensuring consistent energy generation in low and moderate wind environments. Its robust mechanical design and maintenance-free sliding contact system enable smooth, low-noise operation, while braking at wind speeds above 15 m/s ensures effective system protection and long-term durability. Fully compliant with CE and UKCA standards, the Titan3.0 meets international performance and safety requirements.

Tumurly Teknoloji Sistemleri A.Ş.
Reşit Paşa Mah. Katar Cad. ARI 3, No: 4B1009,
34467, Sarıyer, İstanbul, Türkiye
info@tumurly.com | Tel: +90 2129095301

Tumurly Europa GmbH
Haldenstrasse 71131 Jettingen
Stuttgart, Deutschland
info@tumurly.com | Tel: +90 2129095301

Tumurly Middle East Technology Systems L.L.C.
Almuqapaline AlQuds Street Comblex No:13
Office No: 204, Amman, Jordan
info@tumurly.com | Tel: +962 793070708