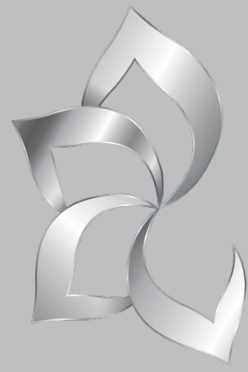
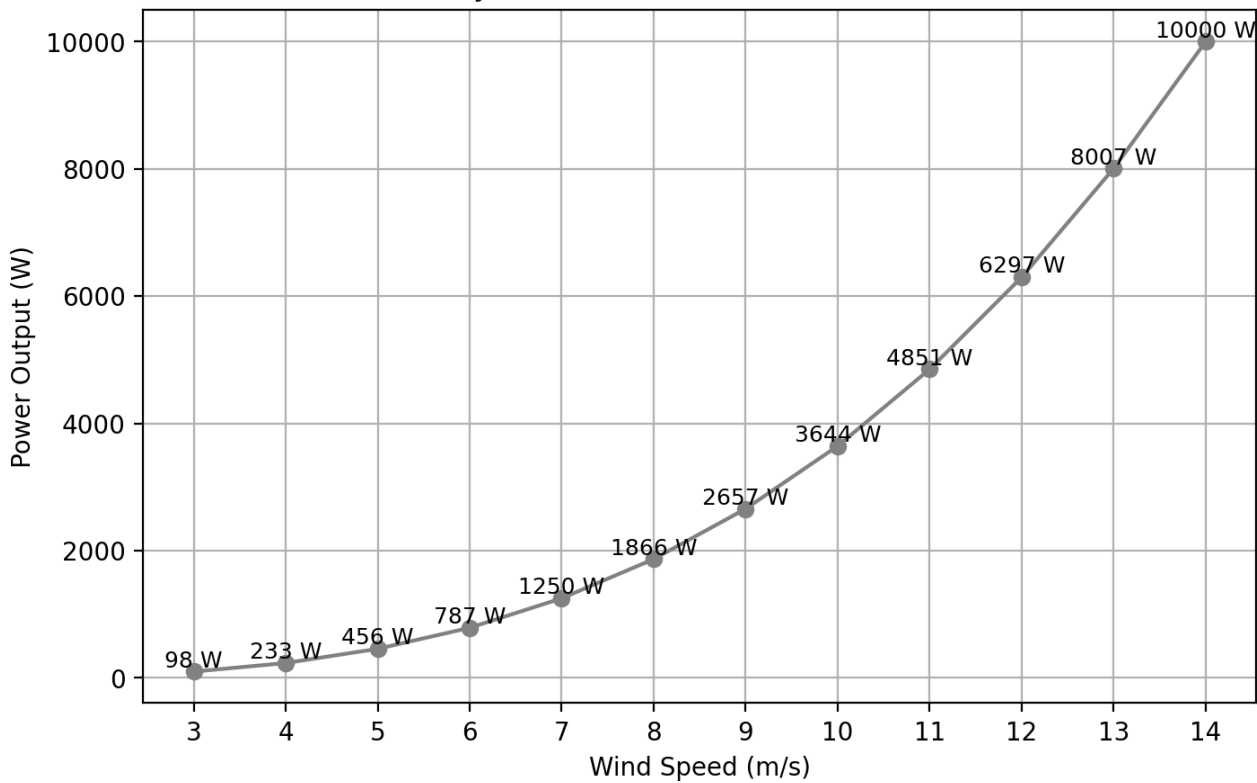


Performance Report



Tumurly® Titan10.0 Advanced

Tumurly® Titan10.0 Advanced Power Curve



The Tumurly® Titan10.0 Advanced is a high-performance 10.0 kW wind turbine developed through extensive R&D to deliver efficient and reliable power generation for demanding small and medium-scale applications. Rated at a wind speed of 14 m/s, the turbine utilizes a 4.64 m rotor diameter, providing increased energy capture and optimized aerodynamic performance under standard air density conditions (1.225 kg/m^3).

Equipped with a Permanent Magnet Generator (PMG) and aerodynamically optimized fiberglass blades, the Titan10.0 Advanced operates from a low cut-in wind speed of 3 m/s, ensuring stable energy production across low and moderate wind regimes. 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 Titan10.0 Advanced meets international performance and safety requirements.