

Osiris 10

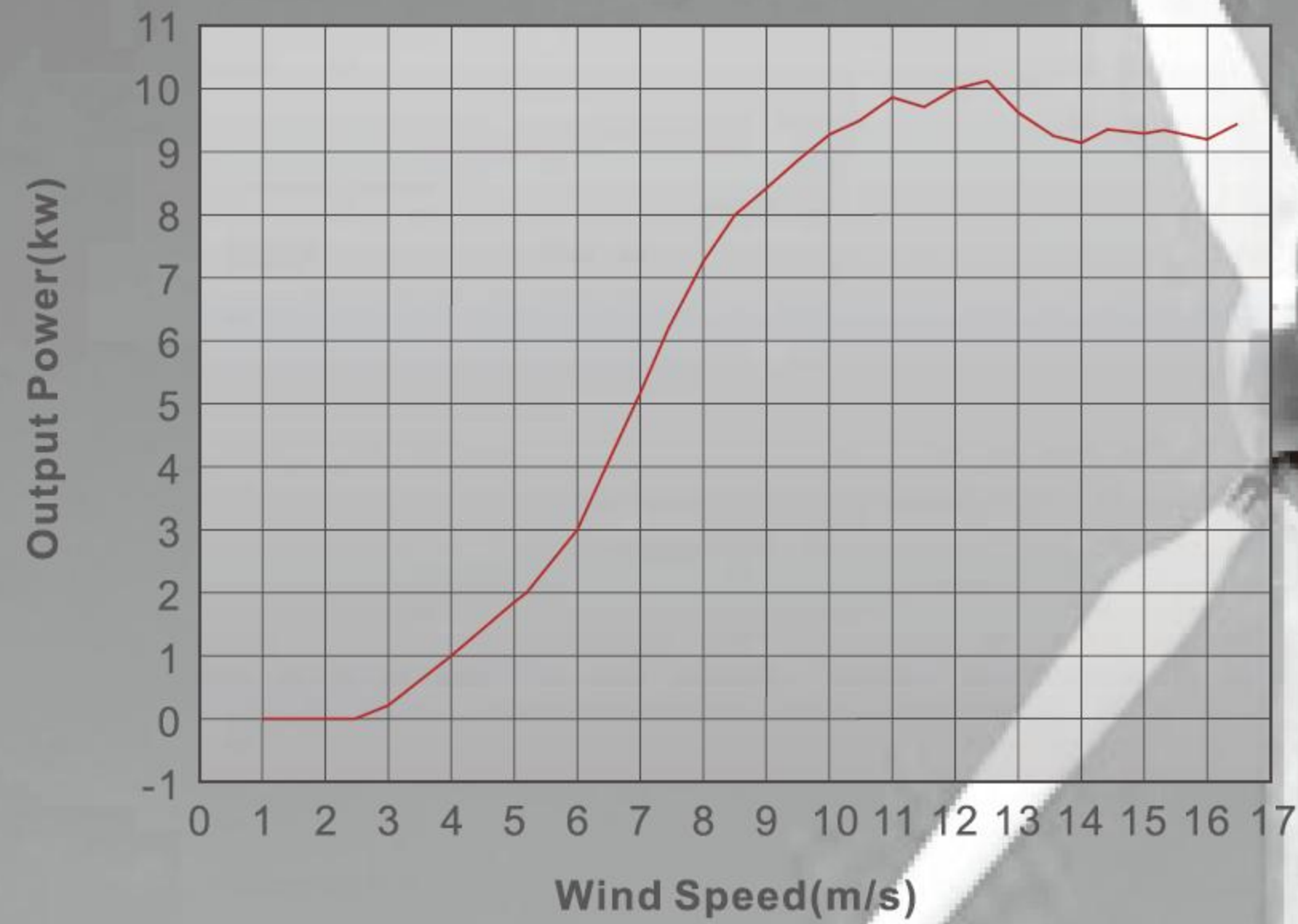
Osiris 10 is a 10kW small wind turbine designed based on IEC 61400-2 Standard. Thanks to its outstanding power output and high cost performance, with over 400 installations globally, Osiris 10 is an unbeatable SWT among the same class products.

Features

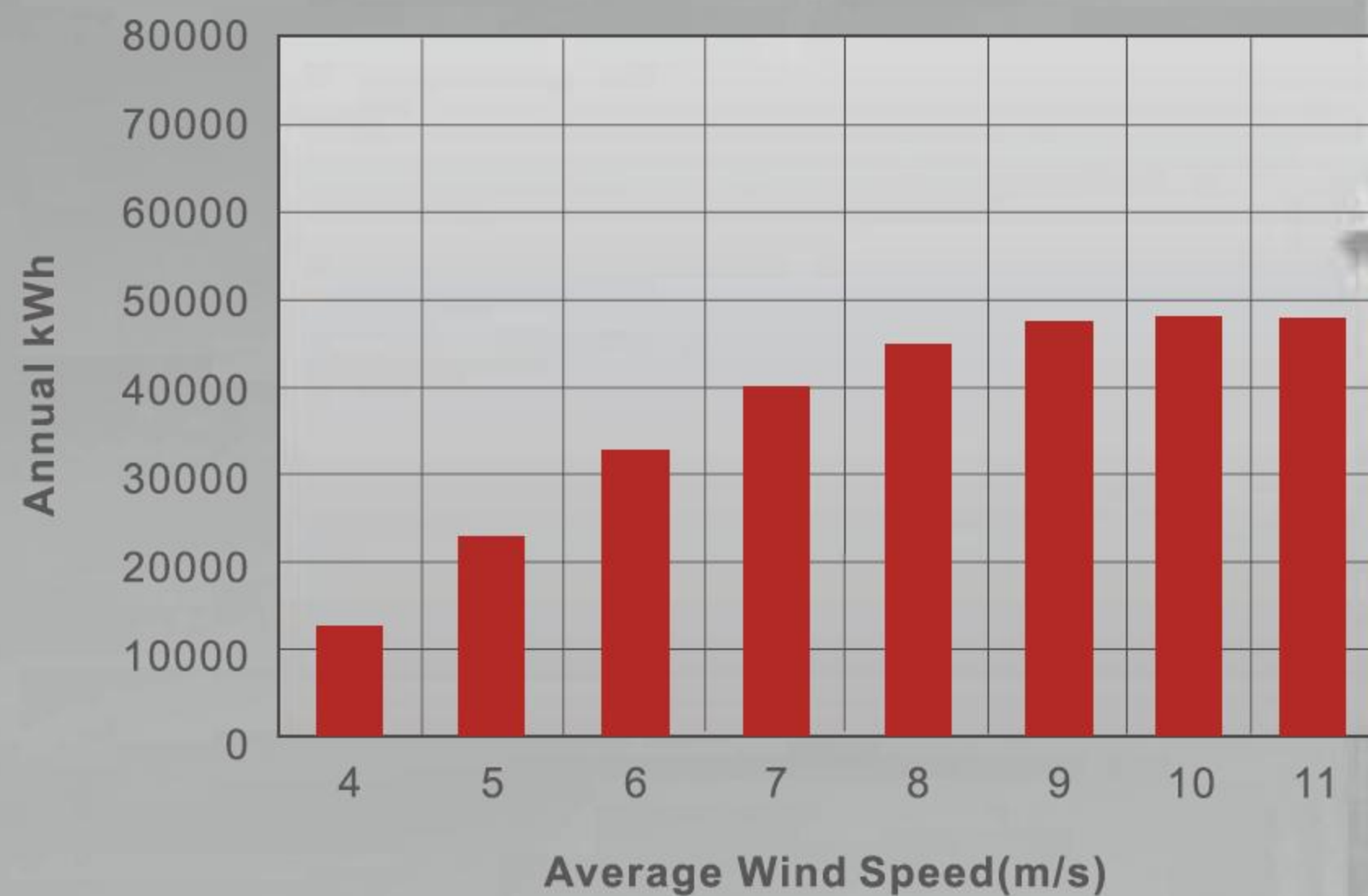
- IEC 61400-2 Certified
- Advanced active and passive pitch control
- Manual brake option available with controller
- Turbine status and performance remote monitoring system
- Multi-points programmable grid tie controlling methods for wind application
- High response speed for wind speed and direction changes
- Optimized aerodynamic performance for the low wind speed between 5m/s and 8m/s
- Direct drive, gearless permanent magnet generator
- Ultra low rated RPM
- Carbon fiber blades
- Very short payback period due to its high output and competitive price

Osiris 10 Specification

Power Curve



Energy Produced



Model	Osiris 10
Rated Capacity	10 kW
Start-up Wind Speed	2.5 m/s
Rated Wind Speed	9.5 m/s
Survival Wind Speed	50 m/s
Generator	Direct drive permanent magnet (NdFeB) generator
Weight	850 kGs
Rotor Diameter	9.7 m
Number of Blades	3
Blade Material	Carbon fiber composite
Rotor Orientation Type	Downwind
Direction of Rotation	Counterclockwise looking upwind
Rated Rotation Speed	120 RPM
Protection System in High Wind Speed	Passive pitch, active pitch and electrical brake
Grid Tie Type	Programmable 220/240 VAC 50-60 HZ (single phase) Programmable 380/400 VAC 50-60 HZ (three phase)