Vertical axis wind turbine generator
EN-200W-XL Technical Datasheet

Part No: EN-200W-XL
Description: The permanent magnetic EN-200W-XL wind turbine has high-efficient energy output, is the most compact, quiet, rugged and reliable vertical axis small wind turbine generator. The EN-200W-XL wind turbine is widely used in LED lighting system, signal & camera security, telecommunication field for off-grid residence. The EN-200W-XL wind turbine is extremely easy to integrate with solar panels to create off-grid power systems that require modest amounts of energy. Available in 12V, 24V for battery charging applications.

Design
1) The EN-200W-XL is designed on a unique low inertia axial flux generator which utilizes Neodymium permanent magnetic material.
2) The EN-200W-XL has zero cogging with its highly efficient, allow the turbine to generate power at very low wind speeds and deliver a high output in working wind speeds.
3) The EN-200W-XL can survive from winds up to 40m/s by a passive aero-dynamic design that reduces turbine RPM and power output at a certain threshold.
4) The robust aluminum alloy chassis and stainless steel components are protected by the aerospace grade coatings and anodizing.

Advantage

High outputs
Permanent magnet-generator, low cogging torque at 2.0m/s

Quiet
Low noise, just 40dB above background

Reliable
Precision Aerodynamic design from aircraft engineering

Rugged
Durable, withstands storm force winds up to 40m/s

Light
Small shape, easy to install and maintain

Features

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* Wind turbine performance is subject to many factors. All output data contained in this document is indicative and actual turbine outputs will depend on the prevailing site and installation conditions.

ENGELEC ENERGY
Intelligent manufacturing, Industry 5.0
Email: info@engelec.cn
www.engelecenergy.com
Call at: +86 13505876536