



# LE-600 Lightweight Powerful Quiet



# LE-600 | Features

The LE-600 is a downwind turbine that is light, robust yet delivers fantastic power output in all conditions.

The LE-600 features a fully integrated axial flux 3-phase Permanent Magnet Generator (PMG) using the latest, most powerful neodymium iron boron magnet technology.

This means the turbine has a very low cut-in speed so it will generate power at very low wind speeds, as well as delivering a higher output than the competition in high wind speeds.

Designed and manufactured in the UK, the LE-600 uses Leading Edge Turbines' proprietary Whispower™ blade technology.

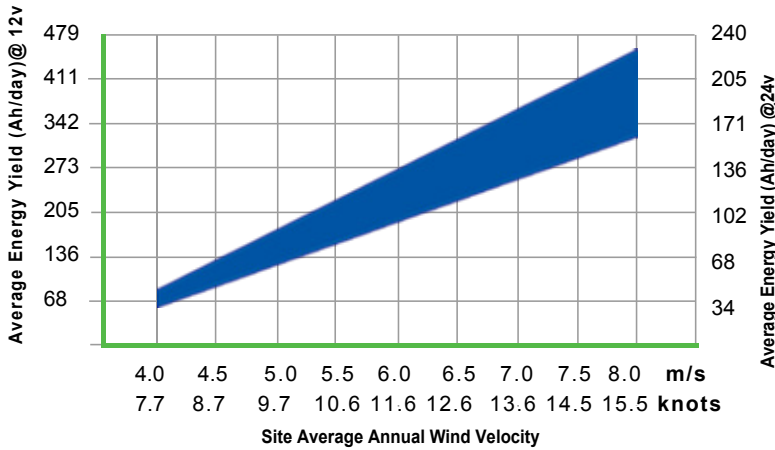
This means the turbine rotor system is incredibly quiet, UV resistant, extremely tough and designed to operate in perfect synergy with the axial flux Permanent Magnet Generator.

Engineered from stainless steel and anodised aluminium, and using sealed for life bearings, the LE-600 is built for the harshest environments and with reliability as a key characteristic. LE-600 wind generator is ideal for both on and off-grid applications.

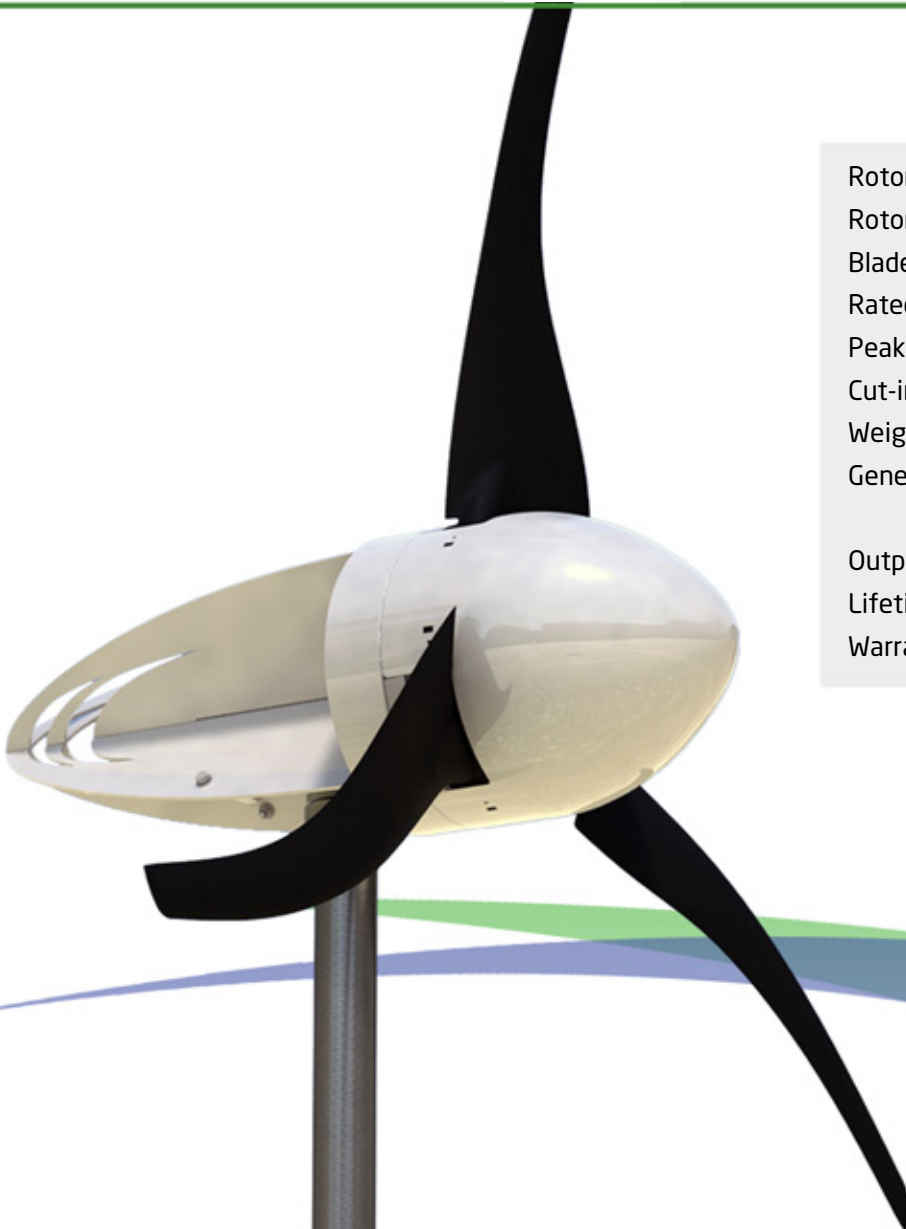
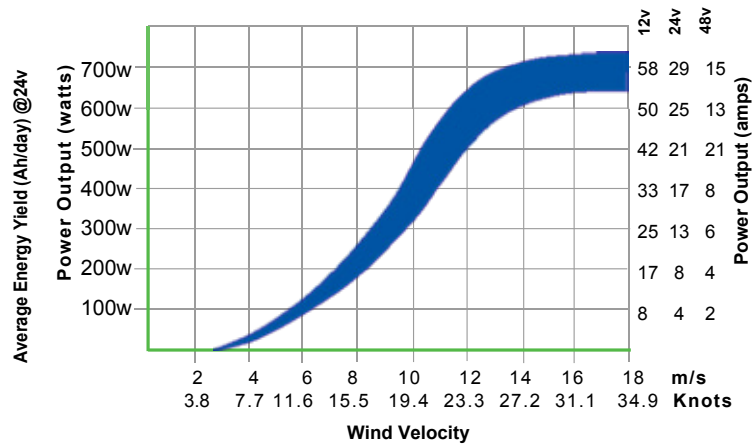


- **High Output**  
Generates high power in all wind conditions.
- **Quiet**  
Ideal for applications where silence is needed.
- **Precision Engineered**  
Top performance over time in all environments.
- **Lightweight**  
Reduced cost of mounting structures.
- **UK Design and Manufactured**  
Well engineered and assured quality.

## Daily Energy Production



## Power Curve



Rotor Diameter:	1.54 metres
Rotor Type:	3-Blade downwind
Blade Material:	Glass Reinforced Nylon
Rated Output:	160 watts
Peak Output:	700 watts
Cut-in speed:	3m/s (6.7mph)
Weight:	19.5Kg
Generator Type:	3-Phase Brushless NIB rotor PMA
Output voltage:	12V, 24V or 48V
Lifetime:	20 years
Warranty:	2 years



# LE-600 | Applications



- Domestic Power
- Off-Grid
- Battery Charging
- Signage
- Remote Telemetry
- Signalling
- Telecommunication
- Environmental Engineering
- Air & Ground Monitoring Stations

## Your Local Distributor

## Contact Details

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