

Transform your power. Go wind and solar.

Discover the power of tailored renewable energy systems, designed for versatility and ease. Our **SolarWhirl** is ideal for various applications, merge cutting-edge technology with eco-consciousness to offer sustainable, reliable and cost-effective energy. Embrace the future of energy with our innovative, low-maintenance systems.



All-In-One System

Optimise your energy availability when the sun shines or the wind blows.



Versatile

Ideal for off-grid locations, enhancing energy security.



Scalable

Flexible design allows for future expansions to grow with your energy demands.

✓ **Maximise Your Power Generation**
Experience optimal power generation at higher elevations. The closer to the sky, the more your system thrives.

✓ **Location Specific Data**
Before installation, we gather data specific to your location to ensure the best fit for your energy needs.

✓ **Understand Your Power Usage**
Knowing your expected power usage, including peak times and overall consumption, helps us design a system that matches your lifestyle or business operations.

✓ **Proximity Matters**
The distance between where your power is generated and where it's used affects efficiency. We'll help you minimise loss and maximise output.

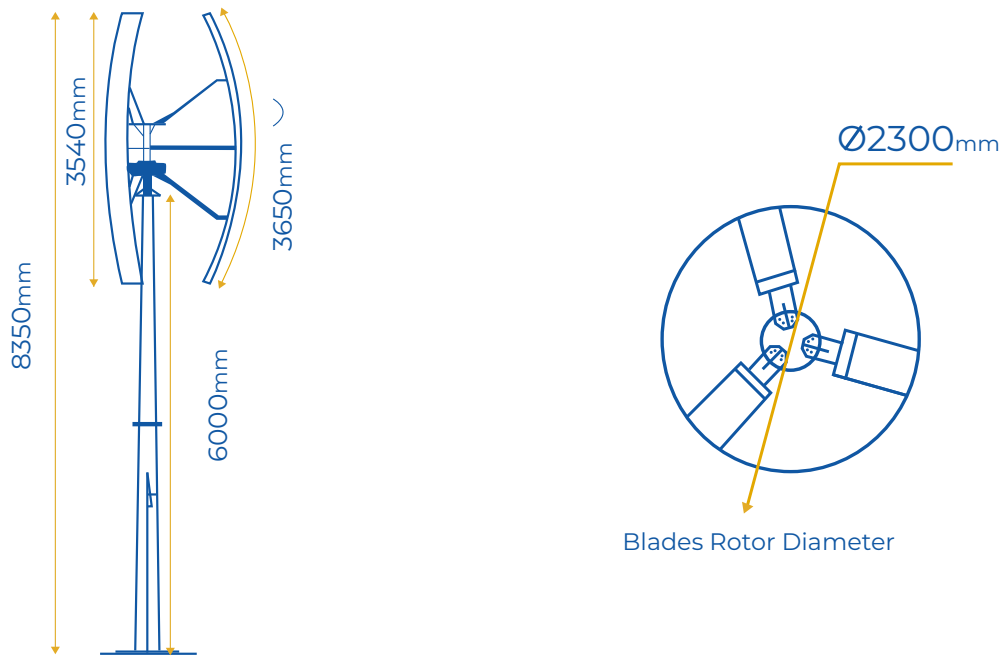
✓ **Going Off-Grid?**
Considering an off-grid setup? We'll discuss additional factors like maximum current draw and energy storage to ensure reliability and efficiency.

Thinking about wind and solar solutions?
Get in touch to explore how we can make
your energy goals a reality.

Scan here!



Wind Turbine Dimensions

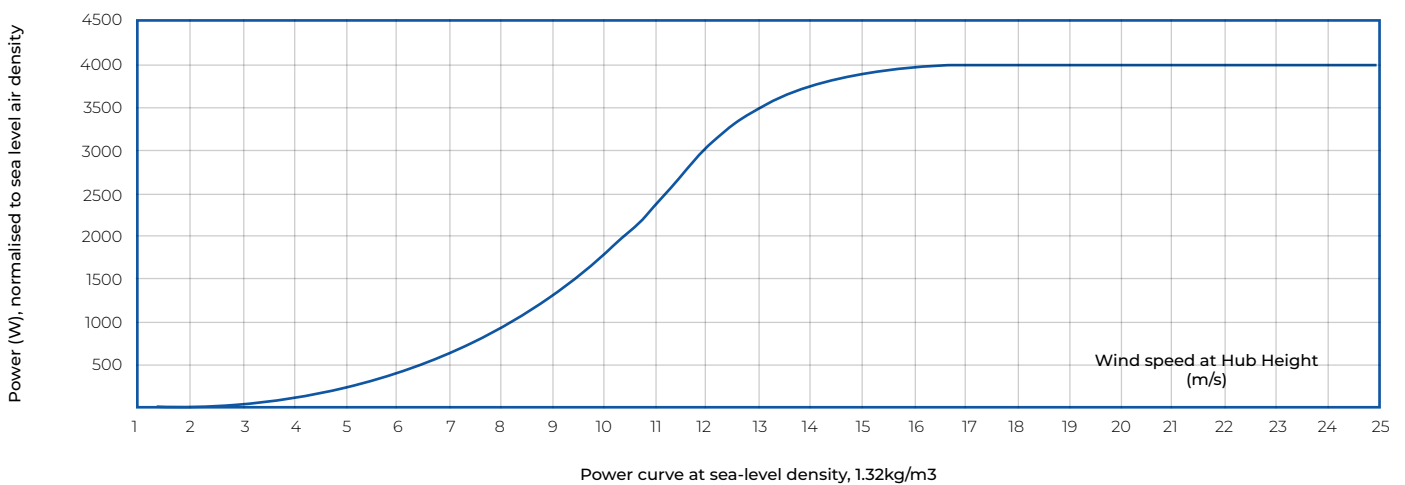


Annual Energy Production*

Annual Wind Speed (m/s)	3	4	5	6	7	8	9
Production (kWh)	418	991	1936	3345	5312	7930	11290
Annual Wind Speed (m/s)	10	11	12	13	14	15	16
Production (kWh)	15488	20615	26764	30485	32850	33990	34750

*Please note this is predicted annual energy production (data will vary based on location).

Proposed power generation curve for the wind turbine



Specifications

- Rated power: 3kW
- Max power: 4kW
- Tower height: 8m
- Start wind speed: 2.8m/s (10.08 kmph)
- Rated wind speed: 12m/s (43.2 kmph)
- Safety wind speed: 50m/s (180 kmph)
- Working temperature: -40 °C to 50 °C
- Protection method: Electromagnetic break + PWM
- Protection grade: IP 54

Please note: structures are subject to the requirements of local building consents.