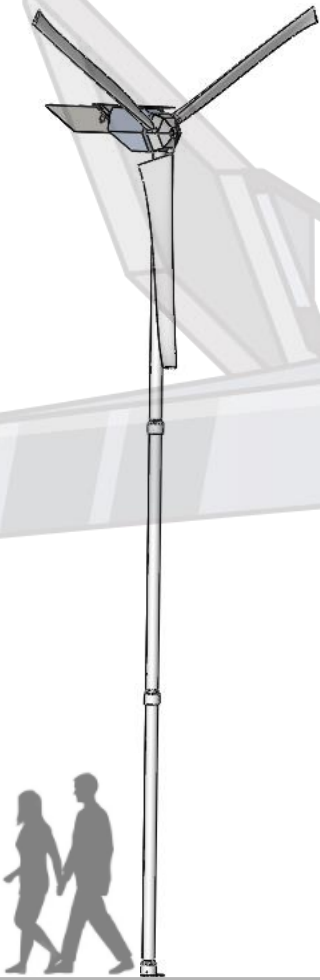


Datasheet / MuWind-1kW-4,4m



Key data

- Nominal power 1kW
- Standard Tower 8 or 10m height

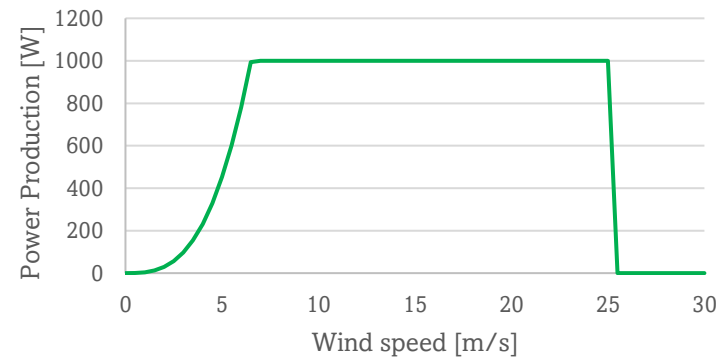
Rotor

- Diameter 4,4 m
- Swept area 15,5m²
- Rotor speed 180 rpm
- Material Glass or Natural fiber

Environmental condition

- Cut-in 3 m/s
- Nominal 6,7 m/s
- Survival 70 m/s
- Temperature range -20 to +50°C
- Design class IEC 61400-2 Class 1
- Life duration 15 years
- Optional package:
 - Marine environment
 - Cold weather
 - Desert environment

Power Curve



Estimated Power Generation

Average Wind Speed [m/s]	Annual Electricity Production [kWh]
4,00	2.200
5,00	3.450
6,00	4.500
7,00	5.320
8,00	5.950
9,00	6.440

The MuWind 1kW 4,4m is specially designed to produce electricity in low-wind regions. With its large rotor, it is able to capture 5 to 7 times more energy than most 1kW wind turbines.

Being made of materials fully reusable or recyclable, the MuWind 1kW 4,4m was developed to be environmental friendly during the production, usage and at the end of life.

With a pricetag of 15.000,00€ and a lifetime of 15y, it produces electricity with a cost on-par with the electrical network.

Finally, with its small footprint, it is construction-permit-free in most regions and can be installed anywhere.



Efficient



Clean



High return



Small Footprint