



Observatoire Europe-Afrique 2030

Data Sheet n°7

Enterprise : Kestrel Wind Turbines (South Africa)

1. Company activities	2
2. Product range	2
3. Industrial tool	3
4. Sources of information.....	3
5. Contacts	3

Degree of accuracy of the information contained in the data sheet

Medium

1. Company activities

Founded in 2006, Kestrel Wind Turbines is a South African company, subsidiary of Eveready.

Eveready's solutions integrate wind energy, solar energy (solar panels) and hybrid energy (a combination of wind and solar panels).

Kestrel Wind Turbines specializes in the manufacture of small wind turbines with nominal outputs of 600W, 800W, 1KW and 3.5KW. The company offers complete renewable energy solutions for domestic, agricultural, telecommunications, education, rural and corporate applications.

2. Product range

Kestrel e300i is the new generation of small wind turbines. It is a low-start machine, enabling it to generate electricity at relatively low wind speeds. The high-performance three-blade rotor with pitch control powers an axial-flow permanent-magnet brushless alternator combined with heat management. The e300i maintains its rated power despite excessive wind speeds, optimizing potential energy output and efficiency. More usable power generated, stored and used. E300i powers many telecommunications sites.

[Kestrel e300i > 1000 Watt 200 Volt Wind Turbine > Grid-Tie](#)



Specifications for the various wind turbine models are available on :

<https://www.kestrelwind.co.za/wind-turbines>

3. Industrial tool

Kestrel designs, manufactures, installs and maintains micro-wind turbines. The company draws on Eveready's engineering, R&D and testing capabilities.

Since 2006, the Kestrel range of micro-wind turbines has been designed and manufactured at the company's ISO-certified plant in Port Elizabeth, South Africa, to internationally recognized quality standards.

Points to be completed:

How integrated is the plant? / What is the share of local added value in total added value?

What is the sales figure for 2023?

How many wind turbines were sold in 2023?

4. Sources of information

https://fr.constructionreviewonline.com/meilleures-entreprises/principaux-fabricants-d%27%C3%A9oliennes-dans-le-monde/?utm_content=cmp-true

5. Contacts

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