



**Observatoire Europe-Afrique 2030**

**Data Sheet n°34**

**Enterprise : Palmtree Power (Afrique du Sud)**

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Degree of accuracy of the information contained in the data sheet

**Low**

## 1. Activity of the Enterprise

Palmtree Power manufactures 300 kW wind turbines.

The main reference is the 300kW wind turbine at Inhambane (Mozambique).



## 2. Product Range

### Palmtree Power 300 technical specifications

<https://en.wind-turbine-models.com/turbines/440-palmtree-power-300#pictures>

- Rated power: 300.00 kW.
- For a wind speed of 3.0 m/s, the cut-off speed is 20.0 m/s.
- Rotor diameter: 32.0 m.
- Rotor surface area: 804.2 m<sup>2</sup>.3
- Rotor blades.
- Maximum rotor speed is 50 U/min.
- Equipped with gearbox without direct drive.
- Synchronous generator.
- One generator
- Voltage: 400 V.
- Frequency: 50 Hz.
- Steel tube/mesh tower.
- Corrosion protection for tower (galvanized).
- Palmtree Power 300 is designed and built locally.

### 3. Sources of Information

[www.palmtreepower.com](http://www.palmtreepower.com)

<https://www.energy.gov.za/files/media/pr/upload/H.pdf>

[https://www.thewindpower.net/manufacturer\\_en\\_79\\_palmtree-power.php](https://www.thewindpower.net/manufacturer_en_79_palmtree-power.php)

#### Points to check:

- The company doesn't seem to have a website. Is it still in business?
- Sales in 2023?
- Percentage of local added value?

### 4. Contacts

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Nom	Fonction	email	Phone

Point to specify: Names and contact details of two company managers