

## Solar Energy South Africa

# Fengwang wind turbine



## Overview

---

What is Dongfang's new wind turbine?

Just four months ago, Dongfang installed the 18 MW turbine at a coastal test base in Shantou, Guangdong province. The new 26 MW model is suitable for medium to high wind speed areas, with speeds above eight meters per second (m/s).

What is the world's largest offshore wind turbine?

China's Dongfang Electric Corporation has rolled out a 26-megawatt (MW) offshore wind turbine, the world's largest in both capacity and size.

What is a Mingyang wind turbine?

In December, Mingyang unveiled a wind turbine design that offers flexible power ratings ranging from 18.X to 20 MW and rotor diameters from 260-292 meters (853-958 feet). It can cover a maximum swept area equivalent to nine soccer fields. Chinese manufacturers are pushing the boundaries of wind turbine technology.

What are China's new wind turbines?

They're introducing larger and more efficient turbines, such as the world's first 16 MW offshore wind turbine by China Three Gorges Corporation that came online in July 2023. China's eastern and coastal regions consume a lot of electricity, but most of the country's energy resources are in the western and northern areas.

How do offshore wind farms work in China?

China's eastern and coastal regions consume a lot of electricity, but most of the country's energy resources are in the western and northern areas. Offshore wind farms help balance this distribution, enhancing energy self-sufficiency in high-demand regions.

Which country has installed the largest offshore wind turbine in the world?

China has installed an 18-megawatt (MW) offshore wind turbine – the world's largest by power rating – in Guangdong province.

## Fengwang wind turbine

---



### **A novel hydraulic transmission solution to large offshore wind turbine**

DOI: 10.1016/j.oceaneng.2022.111285 Corpus ID: 248939178; A novel hydraulic transmission solution to large offshore wind turbine: Design and control strategy @article{Wang2022ANH, ...

### **In a world first, China installs an 18 MW offshore wind ...**

In December, Mingyang unveiled a wind turbine design that offers flexible power ratings ranging from 18.X to 20 MW and rotor diameters from 260-292 meters (853-958 feet). It can cover a maximum



## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://ian-solar.co.za>