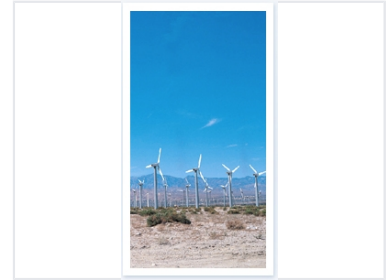


Wind Power Generation System

Wind power generation systems convert wind energy into electricity using turbines. These systems provide a renewable energy source for various applications.



Product Overview

Industrial-Scale Wind Power Solutions

This wind power generation system is engineered for utility-scale energy production, evidenced by its successful deployment in diverse geographic environments ranging from high-altitude mountainous terrain to arid desert regions. Designed for both new installations and repowering projects, these systems support high-capacity wind farm configurations. The technology has been field-proven across multiple provinces to provide reliable and consistent renewable energy output.

Operational Metrics

Typical Wind Farm Capacity

49.5 MW

Typical Project Scale

Historical Installation Range

- 5.4 MW (Initial scale examples)
- 39.6 MW (Historical multi-unit configurations)
- 49.5 MW (Standard modern configuration)
- 100.5 MW (Combined unit capacity)

Installation Versatility

Regional Coverage

- Yunnan Province
- Xinjiang Autonomous Region
- Inner Mongolia Autonomous Region
- Jiangsu Province
- Zhejiang Province
- Ningxia
- Shanxi

Deployment Environments

Desert, Mountainous, High-Altitude, Plains