

Wind power station blade price



Overview

Summary pricing snapshot for wind turbine blades: small-to-mid length blades (30–45 meters) are typically in the \$120,000–\$210,000 range per blade; mid-length blades (45–60 meters) commonly fall in the \$180,000–\$260,000 band; long, high-performance blades (60–70+ meters) can. Summary pricing snapshot for wind turbine blades: small-to-mid length blades (30–45 meters) are typically in the \$120,000–\$210,000 range per blade; mid-length blades (45–60 meters) commonly fall in the \$180,000–\$260,000 band; long, high-performance blades (60–70+ meters) can. Blade price ranges by size category (assumptions: standard glass/ carbon fiber composites, single-piece or segmented blades, and normal production runs): Low \$120,000–\$170,000; Average \$180,000–\$260,000; High \$300,000–\$350,000 per blade. Per-meter pricing typically falls in the \$4,000–\$6,000 range. But for operators, investors, and engineers, one critical question often arises: how much does a wind turbine blade cost?

The answer is not straightforward. Blade costs vary based on size, material, technology, and logistics. In this detailed guide, we'll explore the factors influencing blade. Wind turbines, particularly industrial ones, have heavy blades that can cost anywhere between \$500 and \$7, 500, with the average cost around \$2, 500. The size of the blade is a major factor in the cost of a wind turbine blade. Maintenance costs for wind turbines typically range from \$42, 000–\$48. This report is available at no cost from the National Renewable Energy Laboratory (NREL) at www.nrel.gov.

Wind power station blade price



[How Much Are Wind Turbine Blades](#)

For context, the price of a single wind turbine blade can vary from \$50, 000 to over \$1 million depending on size and type, with an average blade costing around \$170, 000.

[Wind Blade Generator Cost: Breaking Down the \\$1.5 Million Price Tag ...](#)

You know, wind energy adoption grew 12% globally in 2024, but here's the kicker: a single wind turbine blade now costs between \$100,000-\$1.5 million. Wait, no--that's not entirely ...



Wind: Cost of Components

Historical trend of the cost of various components for wind power generators including turbine, generators, gearbox, and blades.

[A Detailed Wind Turbine Blade Cost Model](#)

This work aims to define a detailed parametric blade cost model for modern multimegawatt wind turbine blades via vacuum-assisted resin transfer molding (VARTM).

114KWh ESS



[How Much Does a Wind Turbine Blade Cost? Price Breakdown](#)

Discover how much a wind turbine blade costs in our detailed price breakdown. Learn key factors affecting price and make informed renewable energy decisions!



[How Much Does A Wind Turbine Blade Cost? A Complete Guide](#)

So, how much does a wind turbine blade cost? The answer ranges from hundreds of thousands to several million dollars per blade, depending on size, materials, and application.

- LiFePO₄, Battery, safety
- Wide temperature: -20~55°C
- Modular design, easy to expand
- Wall-Mounted&Floor-Mounted
- Intelligent BMS
- Cycle Life:> 6000
- Warranty:10 years



[Wind Turbine Blade Cost Guide for U.S. Buyers 2026](#)

The price to procure a wind turbine blade ranges widely based on length, material, and supplier capabilities. For a typical utility-scale blade, buyers should expect a per-blade price in the ...



[How Much Does a Wind Turbine Blade Cost?](#)

The price of a wind turbine blade varies considerably depending on size, materials, and manufacturer, but generally ranges from \$200,000 to \$400,000 per blade, meaning a full set of three ...



Wind Turbine Blades

Carbon fiber and aircraft aluminum wind turbine blades for true power, speed, and torque. The best blades on the market for small wind turbines made in the USA.

[Wind Turbine Cost Guide 2025: Complete Pricing Breakdown \(\\$700 ...](#)

Wind turbine prices range dramatically from \$700 for small residential units to over \$20 million for the largest offshore turbines, with total project costs varying significantly based on size, ...



Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.xraydiamondsolutions.co.za>