



BROAD 30MW WIND POWER GREEN WORLD WIND POWER NO MORE COAL OIL or NUCLEAR

THE WORLD'S LARGEST:

Doubles the output of the world's second largest turbine, supplies power for approx. 10,000 households

THE WORLD'S STRONGEST:

BROAD invented aluminum alloy turbine blades with galvanized rope system, typhoon-resistant

THE WORLD'S MOST:

Blade tip is 4 times wider than traditional one, annual power output can be increased by a minimum of 15%

THE WORLD'S LOWEST:

Blades are separately transported, container sized, transportation cost can be reduced multiple times

THE WORLD'S TALLEST:

Self-climbing crane invention, the tower height is unlimited, creating wind farms everywhere worldwide

THE WORLD'S CLEANEST:

Aluminum alloy lasts 50 years, recyclable after disposal, zero pollution

THE WORLD'S GREENEST:

The production, transport & installation of one wind turbine system emits approx. 10,000-ton CO₂ emissions, reducing CO₂ emissions by approx. 30,000 tons annually. After 20 years' operation, CO₂ emissions can be reduced 600,000 tons, and result in a 5-fold return on investment

Model	F308
Rated Power	30MW (30,000kW)
Rotor Diameter	308m (1,010 feet)
Turbine No.s	4
Rated Wind Speed	10m/s (32.8 feet/s)
Blade Material	Aluminum alloy B-CORE SLAB <small>(BROAD-invented ultra-strong and ultra-light B-CORE SLAB using hot air aluminum brazing)</small>
Tower	4-tube truss structure, galvanized steel pipes
Hub Height	Standard 331m (1,086 feet) <small>(Customers can purchase it from 180-500m per local wind resource conditions)</small>
Transport Size	12190x2438x3100mm (40x8x10.2 feet) <small>(40ft container size) (The main axis and gearbox exceed this size)</small>



2023.09 EN



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