



# ALTERNATOR FOR WIND TURBINES

## Product description:

### ALTERNATOR FOR WIND BLADES

Alternator for small wind turbine blades capable of delivering a maximum power of 20 KW, totally enclosed with protection class IP 55.

Small wind turbines are one of the most adaptable, flexible and easy-to-use technologies for generating sustainable and economical electricity.

Thanks to the oversized double bearing design, these alternators are the perfect solution for both vertical and horizontal wind turbines as they can be used as a rotating hub for the blades, resulting in the best solution for the integrator.

### TECHNICAL FEATURES ALTERNATOR FOR WIND BLADES

Power: 20 KW

Voltage: 400 V

Nominal speed: 150 rpm

Maximum speed: 4200 rpm

Number of poles: 34

Magnets: NeFeB

Protection class: IP 55

Bearings: SKF low friction

Efficiency: > 92.5%

Weight: 410 Kg

Width: 470 mm

Length: 760 mm

Height: 470 mm

Bearing Size: 6024 2z

Maximum Axial Load:gt >2550

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Pictures and technical data not binding.

**Product features:**

Phase: Three phase

Maximum power single phase (KW): 20

Voltage (V): 400

Engine rpm (rpm): 1500

Poles: 34

Efficiency (%): 92.5

Protection degree: IP55

Brushes: No

Weight (Kg): 410