

WINDSIDE *WS-4A dimensions and technical info*

Windside WS-4A technical info:

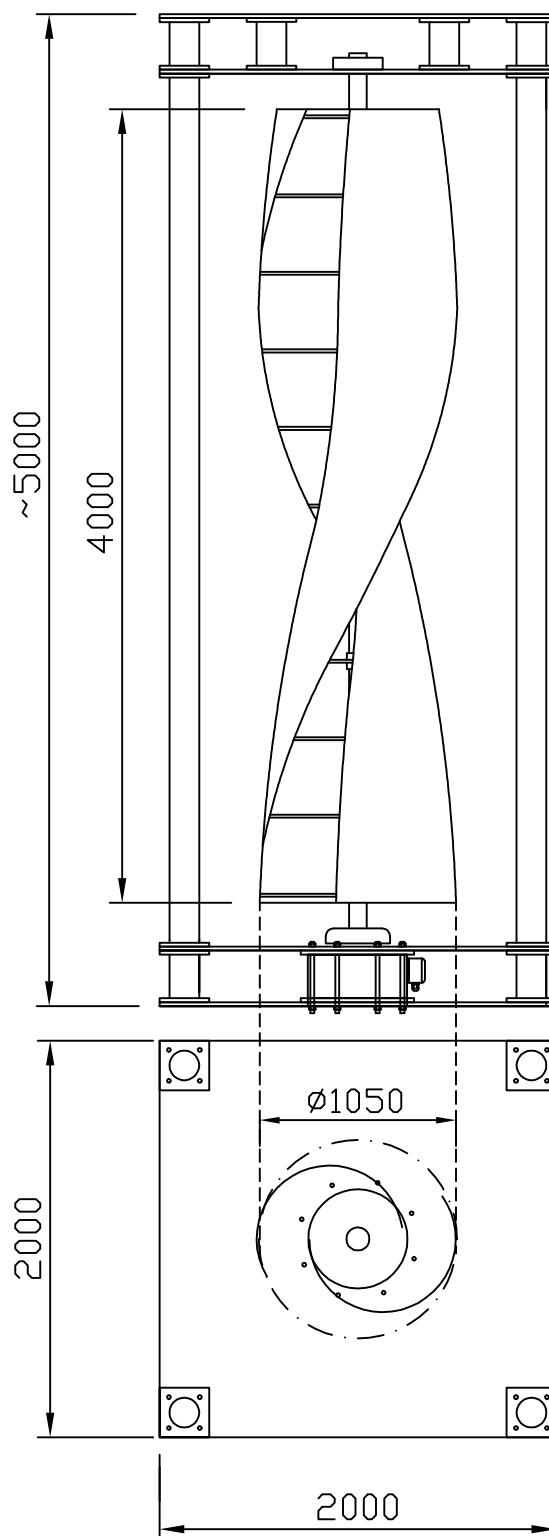
- Weight: 1200 kg
- Swept area: 4 m²
- Generator: 36 A in delta, 21 A in star connection
- Voltage: 12V battery charging mode max.15V
24V battery charging mode max.30V
48V battery charging mode max.60V
-For direct resistance load, voltage depends on use
- Wind load, side force to the middle point of the vane, Calculated 2,1 m up from the generator: 1000 kg
- The calculatory weight of the basement depends on the height of the mast - in other words on the length of the torque arm.
- Max 1000 rpm
- WS-4A Guaranteed at constant wind speed of 60 m/s

Materials:

- Vanes: fibre glass
- Fastenings: marine grade aluminium
- Generator and generator end plates: dip galvanized steel or marine grade aluminium
- All bolts stainless steel or hot dip galvanized (A4, A2 or Zn)

Assets of Windside wind turbines:

- No need to stop or secure during storms
- Produces max. amount of energy in storms
- No need to be turned to the wind direction
- Soundless; 0 dB, measured in 2 meters distance from the vane
- Stands snow, frost, heat and humidity
- Long lifespan
- Minimum need of maintenance, only lubrication
- Safe to people, animals and nature



windside

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