

WINDSIDE

WS-2AK dimensions and technical info

Windside WS-2AK technical info:

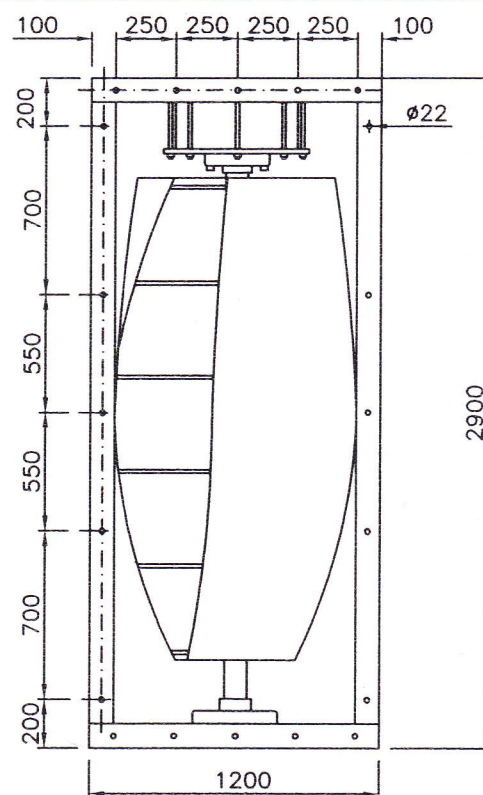
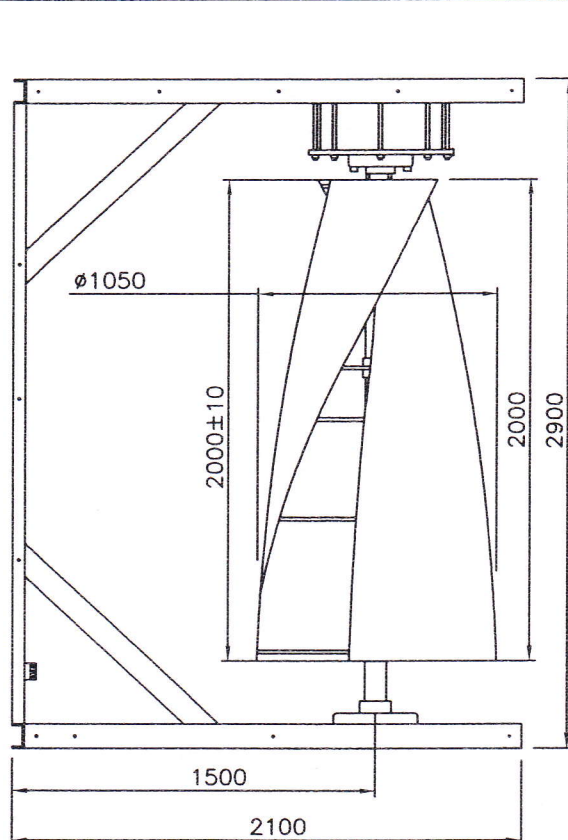
- Weight: approx. 1000 kg
- Swept area: 2 m²
- Generator: 36A in delta, 21A in star connection
- Voltage: 12V battery charging mode 15V
24V battery charging mode 30V
48V battery charging mode 60V
- For direct resistance load, voltage depends on use
- Fastening of the turbine with 20 pc of M20 bolts
- Wind load, side force to the middle point of the vane, Calculated 1,1 m down from the generator: 500 kg
- The weight of the base depends on the height of the mast - in other words on the length of the torque arm.
- WS-2AK-model Max 1100 rpm
- WS-2AK Guaranteed at constant wind speed of 60 m/s

Materials:

- Vanes: fibre glass
- Fastenings: marine grade aluminium
- Shaft: Ø90 mm chrome coated steel or stainless steel
- Generator and Generator End Plates: dip galvanized steel or marine grade aluminium
- All bolts stainless steel or 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; less than 5 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



Mounting holes D=22mm, 20 pcs.
Bolts M20 Zn 8.8



windside

OY WINDSIDE PRODUCTION Ltd

E-mail and internet:
finland@windside.com
www.windside.com

Tel.: +358-208-350 700
Fax: +358-208-350 701
Mobile: +358-400-315 037

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all rights to all modifications
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