

50 Watt Wind Turbine (WH02)

General Description

Do it yourself windmill kit, very simple to put together. With WH02 you can be generating wind power in an hour or two. It is constructed from simple materials like sheet plastic and PVC pipe, this small wind turbine is perfect for someone who wants to experiment with wind energy or for a small cabin system.

It starts charging at a very low wind speed, approximately 3-4mph. Also a blocking diode is installed and no charge controller is required.

NOTE: Maximum wind speed for this turbine is 20 mph. These simple turbines do not have advanced speed control mechanisms. At higher speeds the turbine may be damaged permanently.



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Technical specifications:

- Output max. 2.25 amps @ max. 22V. typical output is less than 1 amp.
- Optimum wind speed: 15 mph
- Max. wind speed: 20 mph
- The unit is designed to sit on 1" electrical EMT pipe (available at hardware and home improvement stores) for your pole (not included).
- Does not include battery, we recommend a min. of 32 amp-hr AGM battery.
- The turbine has 5 blades
- Blades are 30cm long and the diameter of prop approximately 64cm. Unit is about 51cm long from tip of prop to end of tail fin.
- Complete instructions included.



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