

Features

- 2 channels for 1 anemometer and 1 wind vane
- Battery powered from 2x C cell alkalines, with at least 3-month battery life
- Continuously measures wind speed and direction and computes statistics
- Current averages and frequency distribution downloaded to SD card on demand, for upload to online report generator

Benefits

- WindTracker is a robust and low cost wind measurement device
- Self contained waterproof (IP65) and self powered
- Produces real reports based on real measured data from your location - no approximations
- Average wind speed, frequency distribution and wind roses.
- No setup required, switch on and go!

Applications

- Wind site assessment

Software Features

- Provides processed wind statistics (speed/frequency distribution, wind rose, averages).
- Easy to generate wind report
- Free for ever online reporting tool
- Summary View

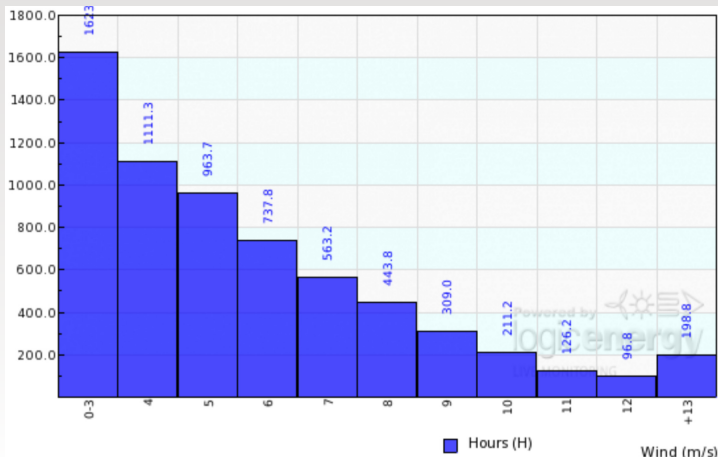


WindTracker is a self-contained robust, low cost wind data logger for the Small Scale Wind turbine sector. The WindTracker inherits many of the professional features from the big wind monitoring systems to give you an accurate report on your exact site's wind profile.

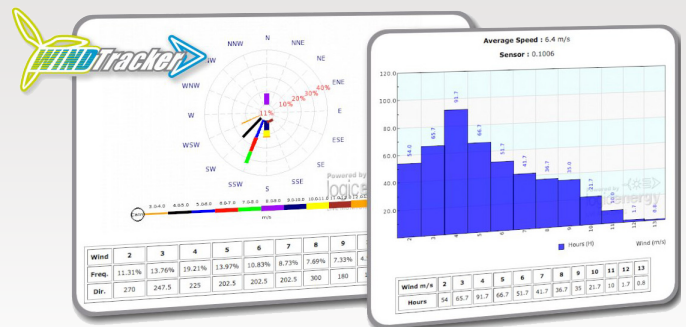
The WindTracker is extremely simple to use, it doesn't even use a memory card to record the data, just connect the wind sensor and it starts working. Whenever and as often as you want to see the results, just pop in the provided memory card on the WindTracker and it will automatically generate a report which you can see by uploading it to the WindTracker online reporting tool.

Small Wind Turbine Energy Analyser for WindTracker

Average speed: 4.97 m/s Sensor: 1.006



Wind m/s	0-3	4	5	6	7	8	9	10	11	12	+13
Hours	1623.7	1111.3	963.7	737.8	563.2	443.8	309	211.2	126.2	96.8	198.8



Technical Specification:

Memory: SD/MMC flash card (FAT16/32), 2GB max.

Power: 2 x Alkaline batteries 1.5v C size

Operating Temperature: -15°C to +50°C

Maximum frequency Input: 200Hz max (internal pull-up to suit reed switch / dry contact)

Sensor Input: 1 Analogue and 2 Digital input Channels

Communications: RS232 @ 4800baud

Logging Interval: 1 minute or 10 minutes

Output data format: CSV ASCII format data file

Readings: Average wind speed for anemometer 1 and 2 (m/s)
Maximum wind speed for anemometer 1 and 2 (m/s)
Standard deviation for anemometer 1 and 2 (m/s)
Wind direction (degrees, 16 bins)
Temperature (degrees Celsius, for internal logger reference)

Housing: Sealed plastic case (IP65)

Dimensions: 160x80x55mm excluding cable gland

Weight: approx 450 gm (including batteries)

Ordering Information:

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