



Order Code : 20213559.3

Name : Wind energy data logger



Specifications:

- Record wind speeds from up to 2 anemometers simultaneously - Average wind speed, gust wind speed and standard deviation (turbulence) and wind direction
- Input for external temperature probe
- Up to 1 year of battery life recording 1 minute data or up to 3 years battery life recording in 10 minutes intervals. (10 seconds available for testing purposes)- Time-stamped data recorded to microSD card in standard CSV format for import into Excel or wind analysis software. Includes all sensor values, plus battery status.- Simple analysis tools included. (excel template for your manipulation or Java app)
- Fully weatherproof IP65 rated enclosure

SD card memory storage

- Files in standard CSV ASCII format, archived into monthly files
- Records average, standard deviation and maximum values
- Data recorded with date and time stamp
- microSD flash card FAT32

Four sensor inputs

- Log two anemometers at once (2 digital inputs)- Supports dry contact (volt-free) switch, Hall effect switch, open collector or 3V logic level signal Wind speed input
- Potentiometer type wind direction sensor, 1k - 20k ohms.
- Support for external temperature sensor

Serial port to interface with PC

- RS232 compatible for reading values while logging data
- Setup menu via serial port or via SD card
- 4800bps
- Custom sensor factor setup via RS232

Mechanical information

- Operating Temperature -40°C to + 70°C (check with us first for extreme weather applications)
- Sealed IP65 enclosure with gland for sensor wires
- Dimensions: 160x80x55mm
- Weight: 450gm including batteries

Trade Tariff/HS code for import/export

- 854290

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

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