

Fujin Model A26 Wind Power Meter

Document 2188A

FEATURES

- Wind Power Density
- Average Wind Speed
- Current Wind Speed
- Peak Wind Speed

The Fujin Wind Power Meter provides basic information for wind turbine siting. The wind power density measurement provides a much better measure of wind potential than average speed alone. Wind power is related to wind speed cubed i.e.. Speed X Speed X Speed. A location with several windy days followed by several days with little wind can produce more energy than a constant wind with the same average.

The meter is updated every 2 seconds and the information is shown on a large digital liquid crystal display (LCD). Wind speed can be displayed in Miles per hour, Meters per second or Kilometers per hour. Sensor cable runs of 1000 feet or more may be made with no loss of accuracy.

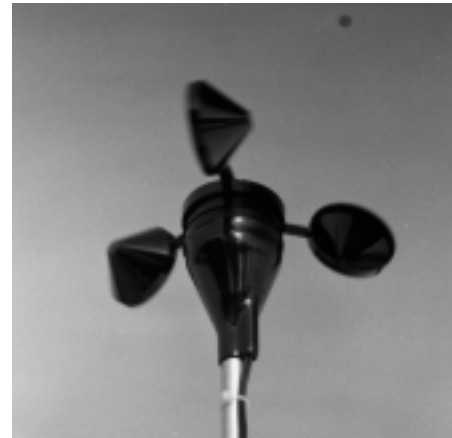
When no wind speed is detected Fujin runs a diagnostic test on the resistance of the anemometer circuit to detect damage to the cable or anemometer.

The system includes:

Fujin Wind Power Meter
A75-104 Three Cup Anemometer
60 Foot Cable
Stub Mast
Instruction Manual



Fujin DIN Enclosure



A75-104 Anemometer



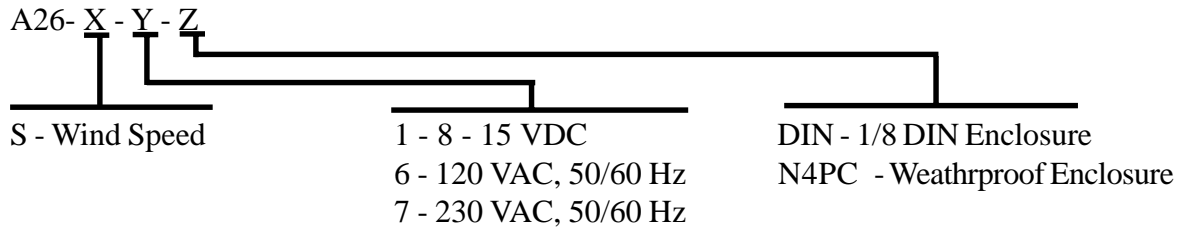
Fujin N4PC Enclosure

ISO 9001 Registered

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Fujin Wind Power Meter

Model Designation



SPECIFICATIONS:

Operating Power: 120 VAC,50/60Hz
 230 VAC,50/60Hz
 8-15VDC,15mA

Dimensions: 1/8 DIN Enclosure:
 4"W x 2"H x 5 1/2"D
N4PC Enclosure:
 7" H X 5" W X 3" D

Input Device: A75-104 Anemometer

Weight: 4 pounds

(Higher performance sensors available)

Connectors: Terminal Block to accept
AWG #12 - 20 cable

Display: 16 Character LCD

Maintenance:

Controls: Rotary Function Selector, LCD Contrast

Anemometer - Recalibrate annually & replace every
5 years

Accuracy: Electronics - +0.002%
 Sensors - see separate spec

Special Requirements: Model A96 Lightning
Protector is recommended for sensor protection
Wind Tunnel Calibration is available for anemometer

Standard

Resolution: Wind Speed 1 M/Hour
 Wind Speed 1 m/Sec

Ambient Instrument Electronics : -20 - 60 °C

Response Time: 2 seconds,

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