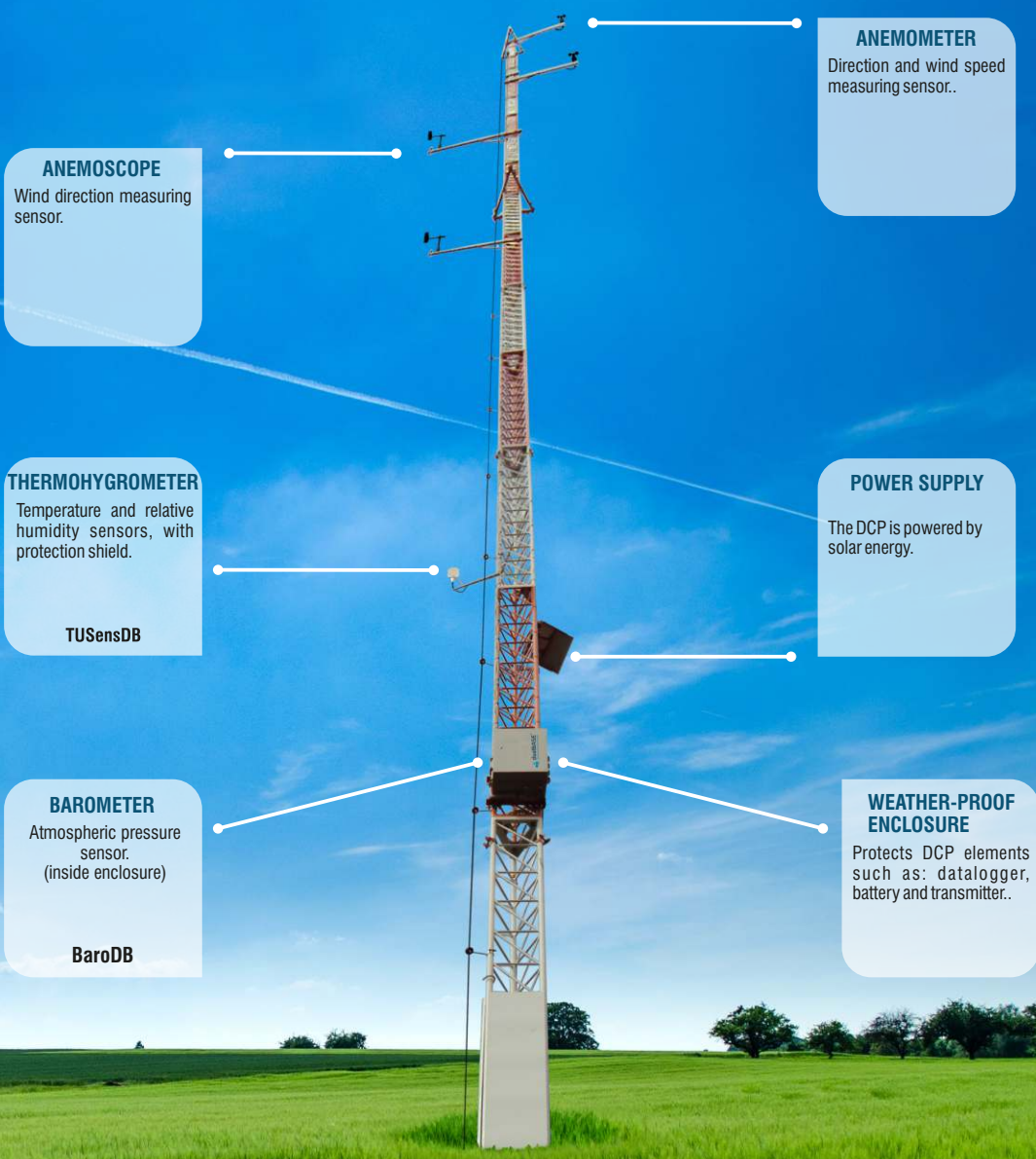


DBVento

Anemometer Station





Anemometer Station



Designed to monitor and generate data for dissemination, follow up and studies of wind potential;
 Number of sensors can be increased according to the user needs;
 Meets the regulations of the EPE (Energy Research Company) and ANEEL - Agência Nacional de Energia Elétrica. (National Electric Energy Agency)

PRODUCT DETAILS



DCP

The entire structure of the data collection platform and its supports are made of anodized aluminum. The enclosure is made of fiberglass strengthened with polyester, it has overhead protection against thermal factors and acts of vandalism. It also provides a table to aid when using a notebook.



Other models of dataloggers are possible, if needed.

DATALOGGER

It has 30 MB of internal memory for data storage, direct connection to PC through a USB or RS-232 port, 6 ports for analog sensors and 2 ports for communication with digital sensors. 12V of supply voltage and low power consumption, extremely adaptable and useful in various functions. Compatible with different telemetries.



Other technologies available, such as radio, optical fiber, ethernet, Wi-Fi, etc.

TELEMETRY

GPRS/3G - It has its own transmission and reception system with a dedicated server. Intelligent system that guarantees the data delivery.

SATELLITE - It compresses the transmitted data to reduce the cost of traffic and quality in the transmission signal.



POWER SUPPLY

The data collection platform is powered by solar energy. It can also be powered by a charge controller and batteries of 7, 12, 18 Ah or as required.

Features may change without prior notice. Mar/2019

SENSORS

GEO-NET



THERMOHYGROMETER

Relative Humidity

Measuring range:
0 to 100% UR
Maximum accuracy:
1,8% UR (10 to 90% of UR)
Communication: SDI-12

Temperature

Measuring range:
-40°C to 80°C
Accuracy:
±0,1°C @ 25°C
Accuracy:
±0,2°C (+5° to +40°C)
Communication:
SDI-12



ANEMOMETER

Wind Speed

Type: cup
Measuring range:
0,3 to 75 m/s
Accuracy:
± 0,2 m/s
Can be supplied with
MEASNET certificate.



ANEMOSCOPE

Wind Direction

Measuring range:
0 to 359°
Accuracy:
±1°
Output in current,
voltage or digital



BAROMETER

Measuring range:
600 to 1100 hPa
Maximum accuracy:
± 0,1 of FS
Accuracy:
±0,2 hPa @25°C
Communication:
SDI-12, RS-485 and 0-2,5V



CONVENIO

If you wish, we can act in partnership with GEO-NET company, renowned in consulting and modeling for wind power.

OTHERS SENSORS- The number of sensors on the station can be increased according to the user needs. Contact us

MANUFACTURER

REPRESENTATIVE



Manufacturer: Dualbase Tecnologia Eletrônica LTDA.
Brand: Dualbase
Model: DBVento-01
Type: Anemometer Station