



Measurements

- Wind Speed (at six locations)
- Air Temperature (at two locations)
- Wind Direction (at two locations)
- Barometric Pressure

Overview

Campbell Scientific's WP100 is a turn-key data acquisition system specifically designed for wind resource assessment. It is ideal as a drop-in replacement for existing datalogger enclosures on tubular or lattice met tower installations. The WP100 is designed for rapid installation and easy field servicing.

Upgrading to a WP100 takes full advantage of your wind resource assessment dollar, whether you are using your current met tower and sensors or adding sensors to expand your system's capabilities. The basic WP100 consists of a CR1000 datalogger, solar-powered rechargeable battery, power supply, and cellular modem.

Benefits and Features

- › Ideal drop-in replacement for datalogger enclosures commonly used in wind energy industry
- › Quick-connect cable system simplifies sensor installation during commissioning and interval service
- › Simplifies installation by using a factory fabricated and programmed datalogger enclosure
- › Complies with Modbus, PakBus, DNP3, email, FTP, and many other data transfer protocols
- › Operates on AC and/or DC power
- › Provides a battery back system to ensure data collection and data transfer during power outages
- › Undergoes full system testing prior to shipment
- › Includes a CR1000 or CR800 measurement and control datalogger



A jumper cable and a tower cable with yellow bands are shown above.

