



# Reliable and Accurate

Power monitoring for  
wind turbine assessment

## Measurements

- Wind Speed
- Wind Direction
- Barometric Pressure
- Air Temperature
- Relative Humidity
- AC Voltage
- AC Current
- AC Power
- DC Voltage
- DC Current
- Shaft Speed

## Overview

Campbell Scientific's SWP100 monitors the performance of operational wind-power projects. It is designed, built, and configured by Campbell Scientific experts, with the user supplying the sensors.

This system features a versatile, rugged datalogger and cutting-edge software. It can be customized to measure the factors needed for any wind-power project.

## Benefits and Features

- › System configurations available that make measurements in conformance with IEC 61400-12-1
- › Provides a modular, programmable, and customizable system
- › Contains a preprogrammed Campbell Scientific CR1000 datalogger
- › Includes a 14-inch-by-16-inch environmental enclosure with cable entry seals that provide a water tight seal
- › Reduces installation and startup time by using a preprogrammed datalogger, preconfigured peripherals, and premounted equipment
- › Provides a battery backup system that allows data collection during power outages and network failures
- › Enables real-time performance data to be shared via an internet browser when optional communications and RTMC Web Server software is used

