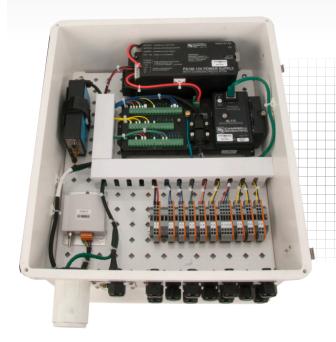


Small-Wind-Turbine Performance Monitoring System



## 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-in. by 16-in. 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



Campbell Scientific, Inc. | 815 W 1800 N | Logan, UT 84321-1784 | (435) 227-9000 | www.campbellsci.com AUSTRALIA | BRAZIL | CANADA | COSTA RICA | ENGLAND | FRANCE | GERMANY | SOUTH AFRICA | SPAIN | USA

© 2012 Campbell Scientific, Inc.

