



PWENC16/18

Prewired Enclosure, 16 x 18 inches



Saves Work, Prevents Errors

Factory-installed and tested wiring by experienced technicians

Overview

The PWENC16/18 is a prewired, weather-resistant enclosure that is 16 in. wide and 18 in. tall. It starts with the same enclosure used for our ENC16/18, but then is factory configured with up to 19 connectors that are attached to the data logger or peripherals within the enclosure. Sensors with the appropriate connector are simply attached to connectors

on the outside of the enclosure. The PWENC16/18 includes a basic measurement program (created in ShortCut) for the -PW products sold as part of this system. If a more advanced custom data logger program is required for additional sensors, communications, control, or other needs, an extra fee will be incurred.

Benefits and Features

- › Weather resistant to protect instruments
- › Backplate designed so that Campbell Scientific components mount easily and securely
- › Combines flexibility with ease of use
- › Eliminates the task of wiring sensor leads into the data logger's terminal strips
- › Reduces wiring errors by inexperienced field technicians who are unfamiliar with the equipment
- › Shortens deployment time
- › Allows each enclosure in a large network to be similar to the other enclosures
- › Customized options may be purchased
- › White, UV-stabilized enclosure reflects solar radiation—reducing temperature gradients inside the enclosure without requiring a separate radiation shield

Detailed Description

The PWENC16/18 can house one data logger, power supply, and one or more peripheral (depending on the peripheral's footprint). You order the sensors, data logger, power supply, and communication peripherals separately. Compatible sensors, peripheral cables, and solar panels have a -PW extension.

The PWENC16/18 is shipped with the 7363 enclosure supply kit that consists of desiccant, a humidity indicator card, cable ties, wire tie tabs, putty, grommets, screws, and PVC coupling. Connectors, communication ports, and the enclosure mounting bracket are chosen as options. (See [Ordering Info](#) on the web page.)

The PWENC16/18 can be mounted to any of our tripods or towers, or to a user-supplied pipe.

Note: Refer to the [Ordering Info](#) on the web page for standard configurations. Nonstandard configurations must be special

ordered. It is considered a nonstandard configuration when using a different type, size, or location for any connector, communication port, conduit, cable entry seal, or antenna bulkhead (contact Campbell Scientific for more information).

Specifications

Color	White (Reflects solar radiation, reducing temperature gradients inside the enclosure without using a separate radiation shield.)	Enclosure Classification	NEMA 4X (before being modified for cable entry)
Construction	Fiberglass-reinforced polyester enclosure with door gasket, external grounding lug, stainless-steel hinge, and lockable hasps	Dimensions	<ul style="list-style-type: none">› 45.7 x 40.6 x 22.9 cm (18 x 16 x 9 in.) internal› 43.8 x 38.7 x 25.2 cm (17.3 x 15.3 x 9.9 in.) internal under the lid space› 49.5 x 44.4 x 27 cm (19.5 x 17.5 x 10.6 in.) external
		Weight	7.7 kg (17 lb)

For comprehensive details, visit: www.campbellsci.com/pwenc16-18 



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