



ENC16/18UL

Weather-Resistant Enclosure, 16 x 18 inches with UL508A Compliance



For Installations Requiring a NEMA 4X or UL Rating

Overview

The ENC16/18UL is a weather-resistant enclosure that is 16 inches wide and 18 inches tall. It is UL508A listed, with a UL listed NEMA 4X rated enclosure and components. The ENC16/18UL can house a data logger, a power supply, and at least one peripheral. This enclosure is recommended for applications that need to have multiple communication or

measurement and control peripherals housed in the same enclosure.

To maintain its NEMA 4X rating, the ENC16/18UL does not come with a standard Campbell Scientific ground lug. Users must bring a ground wire inside the enclosure through a conduit or cable entry seal and then ground it to a ground bar, DIN-rail mounting bracket, or something similar.

Benefits and Features

- ▶ Weather resistant to protect instruments
- ▶ Two backplate options available so that Campbell Scientific components mount easily and securely (Differs from our other enclosures because you can choose between two backplates.)
- ▶ White, UV-stabilized enclosure reflects solar radiation—reducing temperature gradients inside the enclosure without requiring a separate radiation shield

Detailed Description

The backplate of the ENC16/18UL is prepunched with half-inch-on-center holes suitable for attaching a data logger, power supply, and a communications or measurement and control peripheral.

This enclosure 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. Additionally, Campbell Scientific offers a CS210 Enclosure Humidity Sensor for monitoring relative humidity inside of the enclosure. (See [Ordering Info](#) on the web page.)

Specifications

Color	White (Reflects solar radiation, reducing temperature gradients inside the enclosure without using a separate radiation shield.)	Enclosure Classification	NEMA 4X
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› 43.82 x 38.74 x 25.22 cm (17.25 x 15.25 x 9.93 in.) internal under the lid space› 49.53 x 44.4 x 26.98 cm (19.5 x 17.48 x 10.62 in.) external
		Weight	7.7 kg (17 lb)

For comprehensive details, visit: www.campbellsci.com/enc16-18ul 



Campbell Scientific, Inc. | 815 W 1800 N | Logan, UT 84321-1784 | (435) 227-9120 | www.campbellsci.com
AUSTRALIA | BRAZIL | CANADA | CHINA | COSTA RICA | FRANCE | GERMANY | INDIA | SOUTH AFRICA | SPAIN | THAILAND | UK | USA

© 2021 Campbell Scientific, Inc. | 01/29/2021