

UNAVCO Resources: Permanent GNSS Station Enclosures

381 Beth Bartel August 24, 2016 [Equipment Enclosures](#) 3757

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UNAVCO has installed and supports a large variety of equipment enclosures for both AC and DC GNSS sites, from enclosures specifically designed for solar systems (the SunWize battery enclosure) to simple storage containers modified to accommodate cable pass-throughs. We can work to find the most suitable enclosure given the budget and the location of each permanent or semi-permanent GNSS installation. Below is a list of enclosures used within the last several years in UNAVCO-supported projects; click on the photographs to see sample content lists and more photos of actual installations. For standard UNAVCO campaign enclosures, check out [UNAVCO Campaign GNSS Systems](#).

	<p>SunWize Premium F-Series Battery Enclosure</p>	<p>The SunWize enclosure is used throughout the UNAVCO Observatory network and other permanent GNSS sites in the US. Benefits include: the enclosure is made of heavy-duty metal with key locks secured on the front and external knock-out ports for cables, weatherproofing, and a large amount of space for equipment (\$700-\$1000 as shown). Site space is limited (enclosure is delivered by truck), and must be strong enough to withstand weather.</p>
	<p>Hardigg Case</p>	<p>Hardigg (now called Hardigg) makes rugged, weather-resistant cases which are stackable and resistant to impact. Connections on the ribs of the case are protected during shipping.</p>
	<p>JOBBOX</p>	<p>JOBBOX chests, made of metal enclosures, are used for several long-term installations.</p>



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February 2009).



[Pelican Case \(large\)](#)

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[Pelican Case \(small\)](#)

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[Commercial Electrical Enclosure](#)

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price range is ab



[Storage Container](#)

A heavy-duty storage container, such as the [Contico Tuff B](#), is a durable enclosure that can be mounted on a truck or other vehicle. It is designed to protect equipment and is available at a low cost (about \$100 here, as of February 2015). In US cities, rugged enclosures are used. The case shown here contains Amphr batteries and communications equipment. enclosures in the network.

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