

FABRICATED IN BRISBANE · SUPPLIED AUSTRALIA-WIDE

Base Station Enclosures

We build base station enclosures in our own Brisbane workshop. The box is 3 mm aluminium, TIG welded throughout, with a vented door and a cut-out for a cooling fan. It takes a GNSS base receiver, radio or modem, charge controller and DC distribution, and it sits on a matching stand with a mount for a 12 V battery underneath. Built for containers, workshops, plant rooms and site compounds — anywhere the base needs to stay put, stay ventilated and stay out of the way.

The box

- 900 H × 600 W × 300 D mm (outside)
- 3 mm aluminium, TIG welded throughout
- Full-height hinged door with hasp for padlocking
- Expanded aluminium mesh vent panel
- Cut-out for a cooling fan
- Room inside for receiver, radio, charge controller and DC distribution
- Natural aluminium finish

The stand

- 950 H × 600 W × 300 D mm
- Painted black
- Integrated 12 V battery mount, 500 × 190 × 45 mm
- Battery sits below the box, clear of the equipment
- Braced welded frame, feet drilled for floor or plinth fixing
- Approx. 1,850 mm overall with the box fitted

VENTILATED, NOT SEALED

The mesh door and the fan cut-out are there to move air, which means dust and moisture can get in as well. These enclosures are built for undercover installation — shipping containers, sheds, workshops, plant rooms. They are not IP-rated, and we don't recommend exposed outdoor mounting without additional weather protection.



Door open. Equipment panel inside, fan cut-out to the side wall.



Closed. Expanded mesh vent panel, battery on the stand below.



Stand in the workshop before paint, showing the battery mount.

Specifications

Construction	3 mm aluminium, TIG welded throughout
Box dimensions	900 H × 600 W × 300 D mm (outside)
Door	Full-height hinged door, hasp for padlocking
Ventilation	Expanded aluminium mesh panel, plus a cut-out for a cooling fan
Box finish	Natural aluminium
Stand dimensions	950 H × 600 W × 300 D mm
Stand finish	Painted black
Battery mount	500 L × 190 W × 45 H mm, suits a standard 12 V battery
Overall height	Approx. 1,850 mm with the box mounted on the stand
Fixing	Stand feet drilled for floor or plinth fixing
Weather rating	None. Ventilated enclosure, for undercover use.

What you get

Supplied as an empty box and stand, built to order. The receiver, radio, charge controller, battery, fan and internal wiring shown in these photographs are an example of a customer fit-out — they are not part of the standard supply. We can quote a fitted unit as a separate line.

Options

- Powder coat or paint to your colour
- Cooling fan fitted, with or without thermostat
- Internal backing panel and DIN rail
- Braided harness and DC distribution, built in-house
- Cable glands and antenna lead-throughs
- Wall-mount version without the stand
- Non-standard sizes to suit your equipment

Built to order in Brisbane.

Tell us what needs to fit inside and we'll size it. Freight Australia-wide.

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