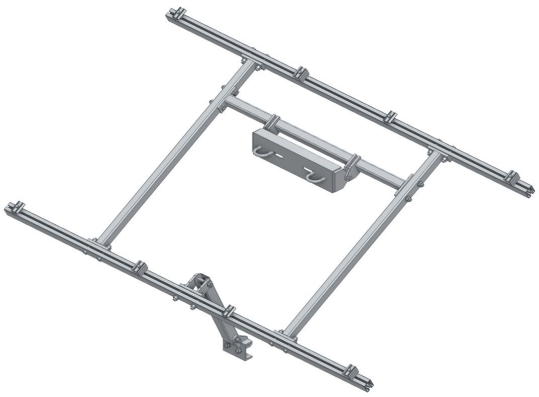
APAC Infrastructure Pty Ltd
ABN: 43 615 637 235
1300 952 788
sales@apacinfrastructure.com.au

Two-Panel Solar Frame to suit AL340 Tower Series

AP-AL340-2SPM



Key Features

- Solar Frame for triangular towers
- Adjustable panel tilt
- Suits both AL220 and AL340

Overview

This is a two-panel solar mounting frame designed for the APAC AL340 Aluminium Tower System. It is designed to affix two 175 W (or similar dimension) solar panels to an AL340 tower module. While customisable on request, the standard mount supports solar panels up to 700 mm wide. As the rails are spaced 1050 mm apart, panels shorter than this length may not be suitable without additional componentry.

The bracket attaches to the AL340's 50 mm uprights using U-Bolts, and uses standard solar clamps to secure the solar panels. The panel tilt is set by the height at which the prop's U-bolted bracket is clamped to the tower leg. The underside of the solar panels can be protected with an optional bolt-on perforated screen.

The bracket has additional slots permitting it to be attached to the smaller faced AL220 Tower System. The AL220 version is supplied with 40 mm U-bolts for the AL220's chords.

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Specification

Parameter	AP-AL340-2SPM
Physical Specification	
System	**AL340**
Subtype	**Solar Bracket**
Materials	**Aluminium**
Material Finish	**Bright/Pickled Finish**
Mounting	**Tri-Clamp Triangular Interface**
Dimensions	**1,000 × 2,050 × 970 mm**
Weight	**11.2 kg**
Interfaces	

Installation / Attachment

Quantity	Mounting	Notes
1	Tri-Clamp Triangular Interface	U-bolted to the 50 mm chords of an AL340 tower: two across one face, one for the prop

Available Interfaces

Quantity	Interfaces	Notes
2	Solar Mounting Rail	Max panel width 700 mm

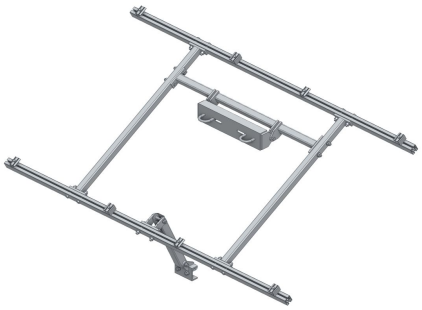
Subcomponents

Quantity	Item	Materials	Material Finish
1	Bolt-together solar mounting frame	Aluminium	Mill Finish

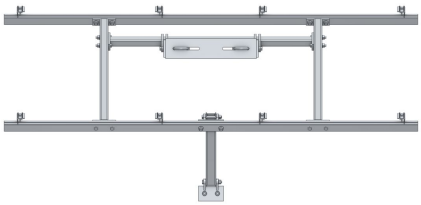
Quantity	Bundled Components
8	Solar End Clamp (AP-FAL-SEC)
3	U-Bolt, 50 mm Rounded, 100 mm Long (AP-FST-UB50-100)
2	Hex Bolt, Stainless Steel - M12 x 50mm Standard Thread (AP-FSS-HXB-M12-50)
14	Hex Bolt, Stainless Steel - M12 x 70mm Standard Thread (AP-FSS-HXB-M12-70)
2	Hex Bolt, Stainless Steel - M12 x 90mm Standard Thread (AP-FSS-HXB-M12-90)
18	Hex Nut, Stainless Steel - M12 Standard Thread (AP-FSS-HXN-M12)
18	Flat Washer, Stainless Steel - M12 (AP-FSS-FW-M12)

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Views



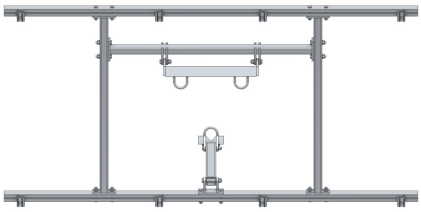
Isometric



Front



Side



Top

Variants



Two-Panel Solar Frame to suit AL340 Tower Series
AP-AL340-2SPM · this datasheet



Two-Panel Solar Frame to suit AL220 Tower Series
AP-AL220-2SPM

Australian designed and manufactured infrastructure for public safety and first response, built on the Sunshine Coast, Queensland. Need a variation on this design? Our team can engineer it to suit your site.

Contact us

Phone	1300 952 788
Email	sales@apacinfrastructure.com.au
Web	apacinfrastructure.com.au
ABN	43 615 637 235

Specifications, dimensions and weights are nominal, correct at the date of issue and subject to change without notice. Images are for illustration and may show optional equipment. Confirm suitability for your site, including wind region and mounting surface, with APAC before ordering, and install in accordance with APAC's instructions and the relevant Australian Standards.

Issued 12 November 2026. For the latest version of this datasheet, visit https://apacinfrastructure.com.au/product-catalogue/bracketry/two-panel-solar-frame-suit-al220al340-tower-series?v=423

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