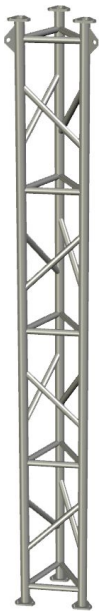
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ABN: 43 615 637 235
1300 952 788
sales@apacinfrastructure.com.au

AL340 Aluminium Modular Lattice Tower - 3.1m Section

AP-AL340-LM



Key Features

- High strength-to-weight ratio
- 340 mm wide body
- 3100 mm modular lengths
- Low maintenance aluminium construction

Overview

This item is a 3.1 metre lattice module that is used to build AL340 series free-standing and guyed lattice towers. As a modular design, the tower section can be used and reused across a range of different platforms, with base kits available for attaching to skids, trailers, ground-mount footings, and more. The tower has a nominal 340 mm face width (300 mm upright centre-to-centre).

APAC's AL340 Series aluminium lattice modules feature three upright columns made from 50x4 CHS with 32x3 CHS lattice welded in between by certified boom welders, providing incredible strength while retaining a lightweight design. Each module is chemically cleaned and treated by hand, producing a brilliant finish.

These sections are 3100 mm in length allowing shipment anywhere in the globe. Spare modules have been listed for purchase separately for engineers seeking to build their own system, or as spares to extend the height of existing AL340 towers.

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Specification

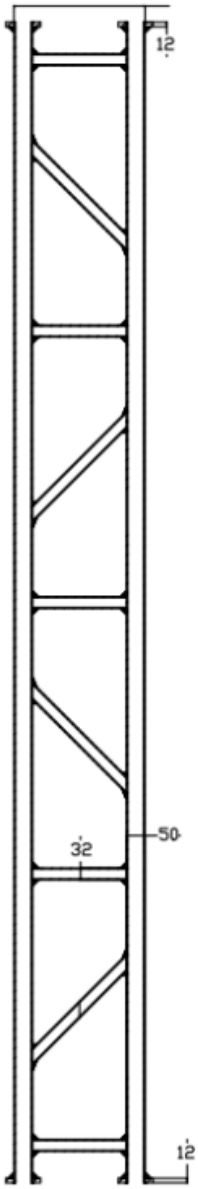
Parameter	AP-AL340-LM
Physical Specifications	
System	**AL340**
Subtype	**Erexures**
Height (Nominal)	**3.1 m**
Materials	**Aluminium**
Material Finish	**Bright/Pickled Finish**
Weight	**21.5 kg**
Mounting	**AL340 Bolt Pattern**
Interfaces	
Installation / Attachment	Quantity: 1 · Mounting: AL340 Bolt Pattern · Notes: Attaches to base module or interface bracket
Payload Interfaces	3 × Pole 50 mm ⌀ — For attaching ordinary equipment 1 × AL340 Bolt Pattern — For attaching additional AL340 series modules/headframes 1 × AL340 Triangular Uprights — For attaching AL340-specific brackets

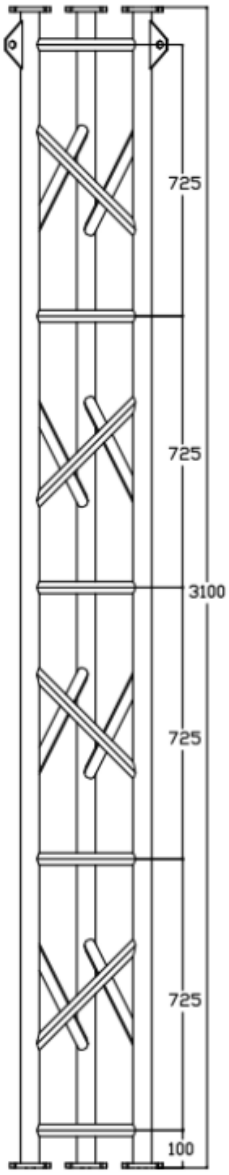
Subcomponents

Quantity	Item	Materials	Material Finish
1	Welded Assembly, 50x4 mm Tube Uprights, 32x3 mm Tube Braces	Aluminium 6061-T6	Bright/Pickled Finish

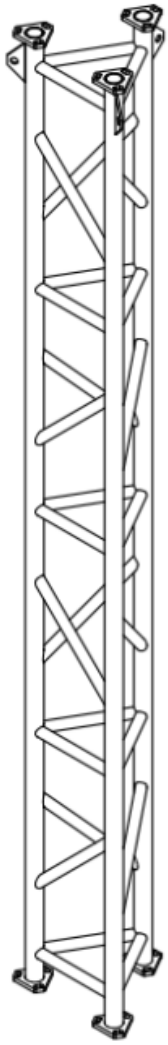
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Drawing

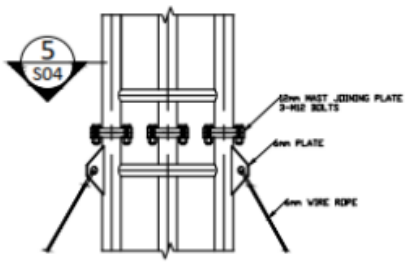




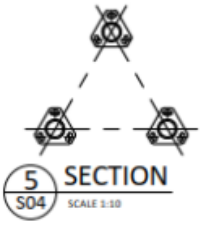
MAST ELEVATION TYPICAL

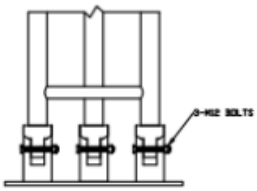


TYPICAL MODULE



TYPICAL - MAST CONNECTION
SCALE 1:10





MAST BASE

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

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Email	sales@apacinfrastructure.com.au
Web	apacinfrastructure.com.au
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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 11 November 2026. For the latest version of this datasheet, visit https://apacinfrastructure.com.au/product-catalogue/mounting-structures/al340-aluminium-modular-lattice-tower-31m-section?v=425

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