APAC Infrastructure Pty Ltd
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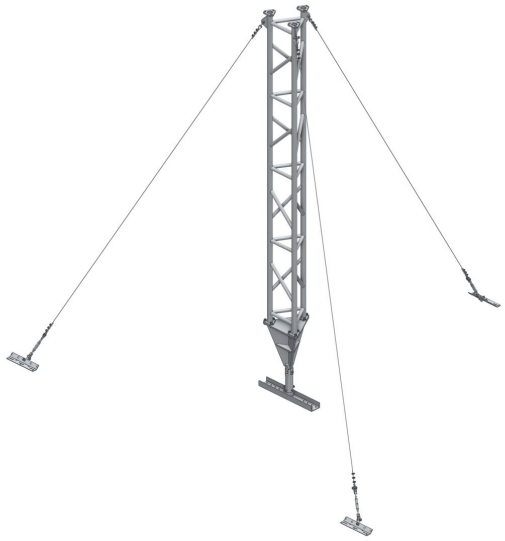
AL340 Aluminium Lattice Tower, 3.8m Roof Kit with Galv. Guy Wires

AP-AL340-RTK-3.8G



Key Features

- Engineered to 25.5 metres in Wind Region C
- Roof mounted tower kit
- Structural grade aluminium construction
- Climbable modular guyed mast
- Large AL340 component ecosystem

Overview

APAC's AL340-Series is an extraordinarily versatile Modular Tower System (MTS), known best for its configurability and reconfigurability throughout its service life. Designed and manufactured locally in Queensland, AL340 is a flexible system that can be built as a Roof Tower, Ground-Mounted Tower, or connected to one of many APAC Modular Platforms such as our skids, jackframes, and trailers.

AL340 is a three-chord triangular aluminium lattice tower with a 340 mm face width, manufactured in 3.1 metre modules. Each chord/leg is 50x4 CHS with 32x3 CHS 6061-T6 structural aluminium lattice, providing incredible strength while retaining a lightweight design.

The 3.1 m sections are easily lifted and stacked, with full structural engineering certification up to 25.5 metres in Wind Region C and up to 41 metres in Wind Region A.

The AL340 Roof Mounted Tower kit comprises of:

- 3.1 metre tower modules, stacked to your required height
- Tetrahedral reducer module and multi-axis hinged base
- Guy wire kits matching your requested height
- Roof cleats for securing guy wires

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Specification

Parameter	AP-AL340-RTK-3.8G
Physical Specifications	
System	**AL340**
Subtype	**Erexures**
Height (Nominal)	**3.8 m**
Materials	**Aluminium**
Material Finish	**Bright/Pickled Finish**
Weight	**42.3 kg**
Installation	**Roof Mounted**
Mounting	**Screw / Bolt**
Interfaces	
Installation / Attachment	

Quantity	Mounting	Notes
4	Screw / Bolt	Attach Multi-Axis Base to Existing Roof Structure
6	Screw / Bolt	Attach Guy Anchor Plates to Roof

Payload Interfaces

Quantity	Interfaces	Notes
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	Bundled Components
1	Multi-Axis Billet Base for AL220/AL340 Tower Series (AP-ALT-MAB)
1	Reducer Module for AL340 Aluminium Lattice Towers (AP-AL340-RED)
1	AL340 Aluminium Modular Lattice Tower - 3.1m Section (AP-AL340-LM)
1	AL340 Guy Wire Kit - Galvanised, Suit 3.8m Tower (AP-AL340-GWK-GAL-3.8)
3	Guy Wire Cleat - Multi-Anchor, Stainless Steel (AP-FST-GWCMA-SS)

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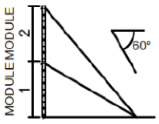
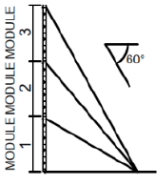
Drawing



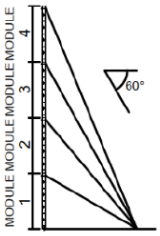
3m TOWER ELEVATION



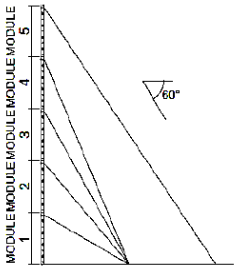
6m TOWER ELEVATION



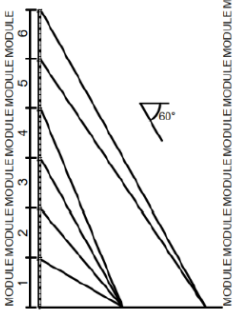
9m TOWER ELEVATION



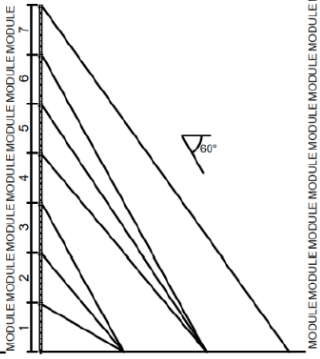
12m TOWER ELEVATION



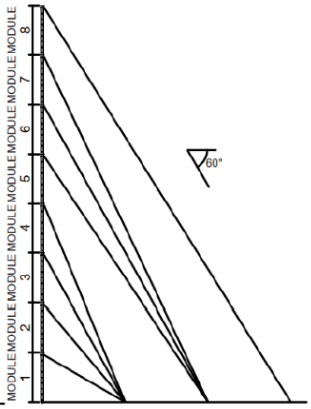
15m TOWER ELEVATION



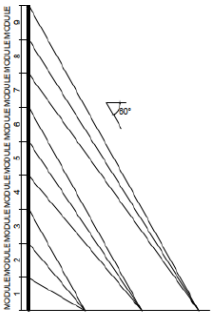
18m TOWER ELEVATION



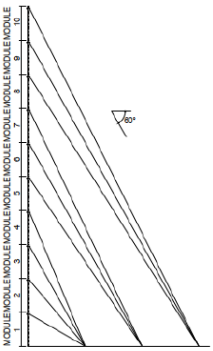
21m TOWER ELEVATION



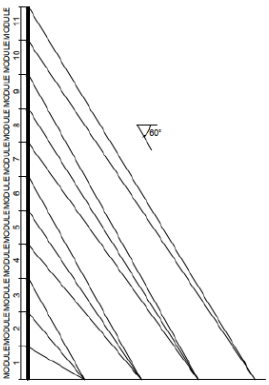
24m TOWER ELEVATION



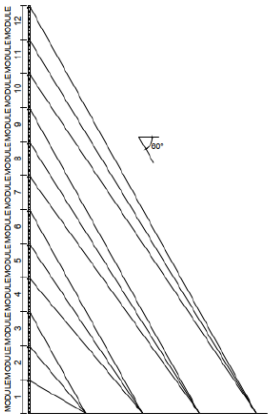
27m TOWER ELEVATION



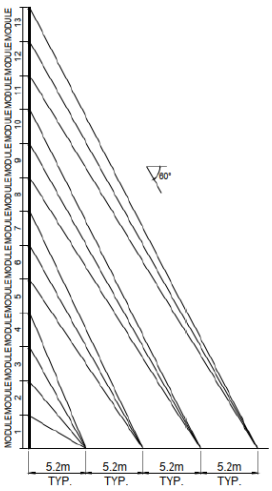
30m TOWER ELEVATION



33m TOWER ELEVATION



36m TOWER ELEVATION



39m TOWER ELEVATION

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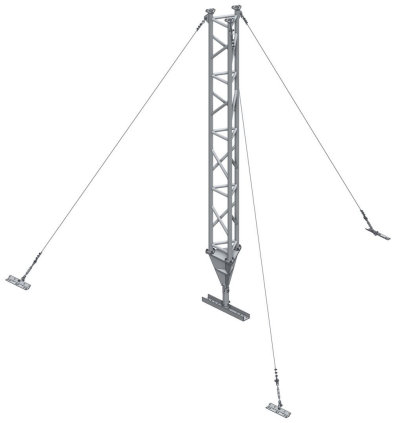
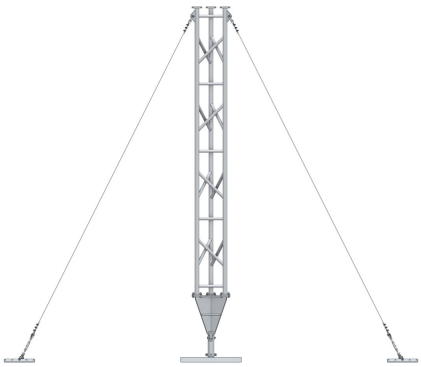
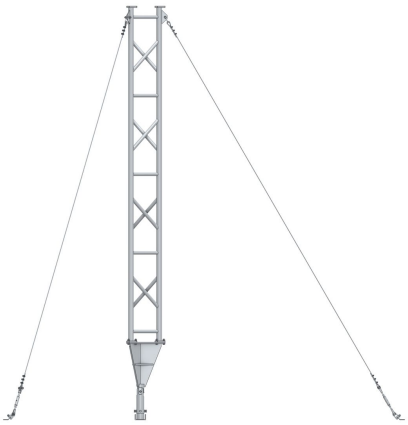
Views



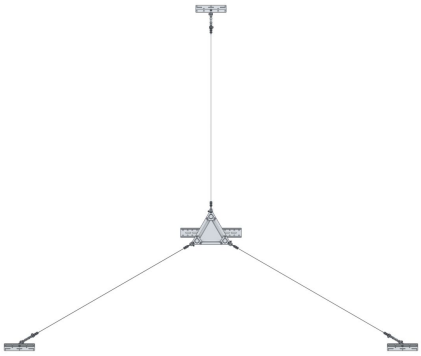
Isometric



Front



Side



Top

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Variants

	AL340 Aluminium Lattice Tower, 3.8m Roof Kit with Galv. Guy Wires AP-AL340-RTK-3.8G · this datasheet
	AL340 Aluminium Lattice Tower, 3.8m Roof Kit with Stainless Guy Wires AP-AL340-RTK-3.8SS
	AL340 Aluminium Lattice Tower, 6.9m Roof Kit with Galv. Guy Wires AP-AL340-RTK-6.9G
	AL340 Aluminium Lattice Tower, 6.9m Roof Kit with Stainless Guy Wires AP-AL340-RTK-6.9SS
	AL340 Aluminium Lattice Tower, 10m Roof Kit with Galv. Guy Wires AP-AL340-RTK-10G
	AL340 Aluminium Lattice Tower, 10m Roof Kit with Stainless Guy Wires AP-AL340-RTK-10SS
	AL340 Aluminium Lattice Tower, 13.1m Roof Kit with Galv. Guy Wires AP-AL340-RTK-13.1G
	AL340 Aluminium Lattice Tower, 13.1m Roof Kit with Stainless Guy Wires AP-AL340-RTK-13.1SS
	AL340 Aluminium Lattice Tower, 16.2m Roof Kit with Galv. Guy Wires AP-AL340-RTK-16.2G
	AL340 Aluminium Lattice Tower, 16.2m Roof Kit with Stainless Guy Wires AP-AL340-RTK-16.2SS
	AL340 Aluminium Lattice Tower, 19.3m Roof Kit with Galv. Guy Wires AP-AL340-RTK-19.3G
	AL340 Aluminium Lattice Tower, 19.3m Roof Kit with Stainless Guy Wires AP-AL340-RTK-19.3SS
	AL340 Aluminium Lattice Tower, 22.4m Roof Kit with Galv. Guy Wires AP-AL340-RTK-22.4G
	AL340 Aluminium Lattice Tower, 22.4m Roof Kit with Stainless Guy Wires AP-AL340-RTK-22.4SS



AL340 Aluminium Lattice Tower, 25.5m Roof Kit with Galv. Guy Wires
AP-AL340-RTK-25.5G



AL340 Aluminium Lattice Tower, 25.5m Roof Kit with Stainless Guy Wires
AP-AL340-RTK-25.5SS

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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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 25 November 2026. For the latest version of this datasheet, visit https://apacinfrastructure.com.au/product-catalogue/mounting-structures/al340-aluminium-lattice-tower-roof-mounted-kit-255m?v=527

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