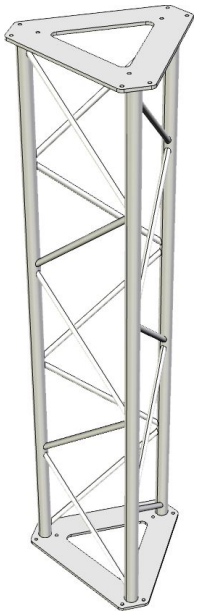
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AL800 Aluminium Modular Lattice Tower - 3.1m Section

AP-AL800-LM



Key Features

- High strength-to-weight ratio
- 800 mm wide body
- 3100 mm modular lengths
- Broad, sturdy all-aluminium design

Overview

This item is a 3.1 metre aluminium lattice module that is used to build AL800 series free-standing lattice towers. As a modular design, the tower section can be used and reused across a range of different scenarios. The tower has a nominal 800 mm face width and has been engineered for freestanding operation with a modest-sized headload.

APAC's AL800 Series aluminium lattice modules feature three upright columns made from 76.2x6.35 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 AL800 towers.

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Specification

Parameter	AP-AL800-LM
Physical Specifications	
System	**AL800**
Subtype	**Erexures**
Height (Nominal)	**3.1 m**
Materials	**Aluminium**
Material Finish	**Bright/Pickled Finish**
Installation	**Platform / Substructure**
Mounting	**AL800 Bolt Pattern**
Interfaces	
Installation / Attachment	Quantity: 1 · Mounting: AL800 Bolt Pattern · Notes: Attaches to other AL800 or AL800 base plates
Payload Interfaces	Quantity: 1 · Interfaces: AL800 Bolt Pattern · Notes: For attaching additional AL800 series modules/headframes Quantity: 3 · Interfaces: Pole 76 mm ⌀ · Notes: For attaching ordinary equipment

Subcomponents

Quantity	Item	Materials	Material Finish
1	76.2x4.75 CHS 6061-T6 with 32x3 CHS 6060-T5 lattice fully welded	Aluminium	Bright/Pickled Finish

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 11 November 2026. For the latest version of this datasheet, visit https://apacinfrastructure.com.au/product-catalogue/mounting-structures/al800-aluminium-modular-lattice-tower-31m-section?v=539

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