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

AL340 Free-Standing Hinge-Down Aluminium Tower - 3.1m

AP-AL340-FSHD-3.1



Key Features

- Hinge-down telemetry/monitoring/communications tower
- Structural-grade aluminium tower
- Stainless hinging base plate
- Large AL340 Component Ecosystem
- Easy Surefoot S600 mounting

Overview

Continuing the popular AL340 Modular Tower System (MTS) series, APAC have developed a free-standing tower with hinging base for easy field-installation. At up to 9.3 metres (three tower modules), the AL340-FSHD kit is perfect for environmental monitoring, security, telemetry, telecommunications, and anything else where modest height is required.

The tower system consists of 3.1 m AL340 lattice mast modules connected to a 12 mm hinged stainless steel base plate (AP-AL340-HBP-S600). The base plate can be mounted to a S600 Surefoot foundation for rapid installation. The hinged base plate enables manual lowering and raising of the tower section, eliminating the need for specialised equipment such as an Elevated Work Platform (EWP) or working at heights on a ladder.

At up to 23.1 kg per section, the tower components can be carried to difficult to reach sites, and an all 6061-T6 structural aluminium + stainless construction means the tower system is perfect for coastal and isolated environments.

Part of the AL340 component ecosystem means the tower can be used to building/container/donga side-mount, or later be repurposed onto skid or jackframe base platforms.

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

Specification

Parameter	AP-AL340-FSHD-3.1
Physical Specifications	
System	**AL340**
Subtype	**Erexures**
Height (Nominal)	**3.1 m**
Materials	**Aluminium**
Material Finish	**Bright/Pickled Finish**
Weight	**38.8 kg**
Installation	**Platform / Substructure**
Mounting	**S600 Bolt Pattern**
Interfaces	
Installation / Attachment	**Quantity** | **Mounting** | **Notes** 1 | S600 Bolt Pattern | Suits attachment to Surefoot S600 or anchor bolts
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	AL340 Hinged Base Plate for S600 (AP-AL340-HBP-S600)
1	AL340 Aluminium Modular Lattice Tower - Base Module (AP-AL340-BM)

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

Views



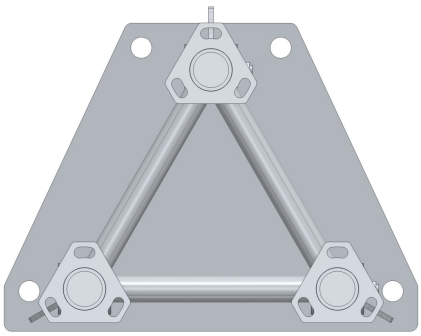
Isometric



Front



Side



Top

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

Variants

	AL340 Free-Standing Hinge-Down Aluminium Tower - 3.1m AP-AL340-FSHD-3.1 · this datasheet
	AL340 Free-Standing Hinge-Down Aluminium Tower - 6.2m AP-AL340-FSHD-6.2
	AL340 Free-Standing Hinge-Down Aluminium Tower - 9.3m AP-AL340-FSHD-9.3

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 11 November 2026. For the latest version of this datasheet, visit https://apacinfrastructure.com.au/product-catalogue/mounting-structures/al340-free-standing-hinge-down-aluminium-tower-93m?v=696

© 2026 APAC Infrastructure Pty Ltd. All rights reserved.