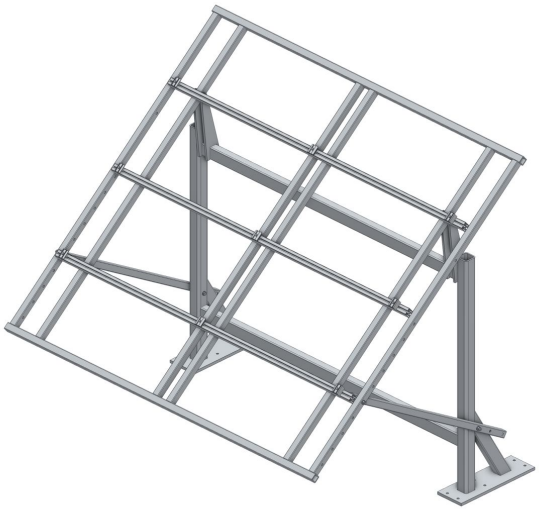
APAC Infrastructure Pty Ltd
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Two-Panel Tilting Aluminium Solar Frame to suit DTP3 Platforms

AP-ASF-2PF



Key Features

- Two-panel aluminium solar frame, modules in portrait
- Panel tilt adjustable from 15° to 49°
- Stows vertical for transport
- Bolts down on the DTP3 grid, or welds on
- Schletter aluminium rails and clamps, stainless fixings

Overview

This two-panel tilting solar frame is the aluminium version of APAC's AP-SF-2PF, built for the DTP3 platforms such as the AP-DTP3SK skid. An aluminium stand of two 76 mm SHS posts on braced foot plates carries a 2300 x 2070 mm frame on pivot bolts at its top, with three Schletter Solo aluminium rails and 30-40 mm end and mid clamps for two framed modules in portrait.

Two support arms run from the posts to a row of holes in the frame's outer edges. With three holes at the arm's post end and ten in the frame, the panels set at 15° to 49° to the horizontal in steps of under 3°. For transport, the arms move to a stow hole and the frame hangs vertical.

The posts stand 2000 mm apart, over a DTP3 platform's inner mounting runners. Each 178 mm foot plate takes six M12 bolts on the DTP3 hole grid, or can be welded on for permanent installations. All its fixings are stainless steel.

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Specification

<table>
<tr><th>Parameter</th><th>AP-ASF-2PF</th></tr>
<tr><td colspan="2">Physical Specification</td></tr>
<tr><td>System</td><td>DTP3</td></tr>
<tr><td>Subtype</td><td>Solar Bracket</td></tr>
<tr><td>Materials</td><td>Aluminium</td></tr>
<tr><td>Material Finish</td><td>Bright/Pickled Finish</td></tr>
<tr><td>Mounting</td><td>Screw / Bolt</td></tr>
<tr><td>Dimensions</td><td>1,730 × 2,311 × 1,988 mm</td></tr>
<tr><td>Weight</td><td>68.6 kg</td></tr>
<tr><td colspan="2">Interfaces</td></tr>
<tr><td>Installation / Attachment</td><td>
<table>
<tr><th>Quantity</th><th>Mounting</th><th>Notes</th></tr>
<tr><td>12</td><td>Screw / Bolt</td><td>Two 177.8 x 550 mm foot plates at 2000 mm centres, six Ø14 holes each on the DTP3 grid for M12 bolts (or welded)</td></tr>
</table>
</td></tr>
<tr><td>Available Interfaces</td><td>
<table>
<tr><th>Quantity</th><th>Interfaces</th><th>Notes</th></tr>
<tr><td>3</td><td>Solar Mounting Rail</td><td>Two modules in portrait, 30-40 mm frames</td></tr>
</table>
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</table>

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Subcomponents

Quantity	Item	Materials	Material Finish
1	Solar Stand: 76.2x6.35 SHS Posts, 75x50x3 RHS Crossbeams and 60° Braces, 16 mm Foot Plates and 12 mm Hinge Plates, Welded	Aluminium	Bright/Pickled Finish
1	Tilting Frame, 2300 x 2070 mm, 40x40x4 SHS, Welded	Aluminium	Bright/Pickled Finish
2	Support Arm, 40x40x4 SHS, Three Post-End Holes	Aluminium	Bright/Pickled Finish
3	Schletter Solo 120005 Module Rail, 2200 mm	Aluminium 6005-T5	Mill Finish
12	M8 Square Nut, Stainless Steel A4	Stainless Steel 316	
2	Crush Sleeve, 17.2x2.3 CHS	Stainless Steel	
4	Arm Spacer, 10 mm	Aluminium	Bright/Pickled Finish

Quantity	Bundled Components
6	Solar End Clamp (AP-FAL-SEC)
3	Solar Mid Clamp (AP-FAL-SMC)
2	Hex Bolt, Stainless Steel - M16 x 100mm Standard Thread (AP-FSS-HXB-M16-100)
2	Hex Nut, Stainless Steel - M16 Standard Thread (AP-FSS-HXN-M16)
4	Flat Washer, Stainless Steel - M16 (AP-FSS-FW-M16)
2	Hex Bolt, Stainless Steel - M12 x 150mm Standard Thread (AP-FSS-HXB-M12-150)
2	Hex Bolt, Stainless Steel - M12 x 110mm Standard Thread (AP-FSS-HXB-M12-110)
4	Hex Nut, Stainless Steel - M12 Standard Thread (AP-FSS-HXN-M12)
8	Flat Washer, Stainless Steel - M12 (AP-FSS-FW-M12)
12	Hex Bolt, Stainless Steel - M8 x 50mm Standard Thread (AP-FSS-HXB-M8-50)
12	Flat Washer, Stainless Steel - M8 (AP-FSS-FW-M8)

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 26 November 2026. For the latest version of this datasheet, visit https://apacinfrastructure.com.au/product-catalogue/bracketry/two-panel-tilting-aluminium-solar-frame-suit-dtp3-platforms?v=781

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