APAC Infrastructure Pty Ltd
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Two-Panel Tilting Solar Frame to suit GSK3 Skid

AP-SF-2PF



Key Features

- Two-panel solar frame, modules in portrait
- Panel tilt adjustable from 15° to 49°
- Stows vertical for transport
- Bolts down to the GSK3 skid, or welds on
- Galvanised steel, Schletter aluminium rails and clamps

Overview

This two-panel tilting solar frame is built for the GSK3 galvanised steel skid. A galvanised steel stand of two 75 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.

Each foot plate takes six M12 bolts down through a 127 mm runner, as on the GSK3, or can be welded to the chassis for permanent installations.

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Specification

<table>
<tr><th>Parameter</th><th>AP-SF-2PF</th></tr>
<tr><td colspan="2">Physical Specification</td></tr>
<tr><td>System</td><td>GSK3</td></tr>
<tr><td>Subtype</td><td>Solar Bracket</td></tr>
<tr><td>Materials</td><td>Steel
Aluminium</td></tr>
<tr><td>Material Finish</td><td>Hot-Dip Galvanised</td></tr>
<tr><td>Mounting</td><td>Screw / Bolt</td></tr>
<tr><td>Dimensions</td><td>1,722 × 2,315 × 1,988 mm</td></tr>
<tr><td>Weight</td><td>142.3 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 127 x 560 mm foot plates at 2005 mm centres, six Ø14 holes each for M12 bolts (or welded)</td></tr>
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<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>
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Subcomponents

Quantity	Item	Materials	Material Finish
1	Solar Stand: 75x75x4 SHS Posts, 75x50x3 RHS Crossbeams and 60° Braces, 12 mm Foot and Hinge Plates, Welded	Steel	Hot-Dip Galvanised
1	Tilting Frame, 2300 x 2070 mm, 40x40x3 SHS, Welded	Steel	Hot-Dip Galvanised
2	Support Arm, 40x40x3 SHS, Three Post-End Holes	Steel	Hot-Dip Galvanised
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	Steel	Hot-Dip Galvanised
4	Arm Spacer, 10 mm	Steel	Hot-Dip Galvanised

Quantity	Bundled Components
6	Solar End Clamp (AP-FAL-SEC)
3	Solar Mid Clamp (AP-FAL-SMC)
2	Hex Bolt, Hot-Dip Galvanised 8.8 - M16 x 100mm Standard Thread (AP-FST-HXB-HDM16-100)
2	Hex Nut, Hot-Dip Galvanised Class 8 - M16 Standard Thread (AP-FST-HXN-HDM16)
4	Flat Washer, Hot-Dip Galvanised Class 8 - M16 (AP-FST-FW-HDM16)
2	Hex Bolt, Hot-Dip Galvanised 8.8 - M12 x 150mm Standard Thread (AP-FST-HXB-HDM12-150)
2	Hex Bolt, Hot-Dip Galvanised 8.8 - M12 x 110mm Standard Thread (AP-FST-HXB-HDM12-110)
4	Hex Nut, Hot-Dip Galvanised Class 8 - M12 Standard Thread (AP-FST-HXN-HDM12)
8	Flat Washer, Hot-Dip Galvanised Class 8 - M12 (AP-FST-FW-HDM12)
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 25 November 2026. For the latest version of this datasheet, visit https://apacinfrastructure.com.au/product-catalogue/bracketry/two-panel-tilting-solar-frame-suit-gsk3-skid?v=748

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