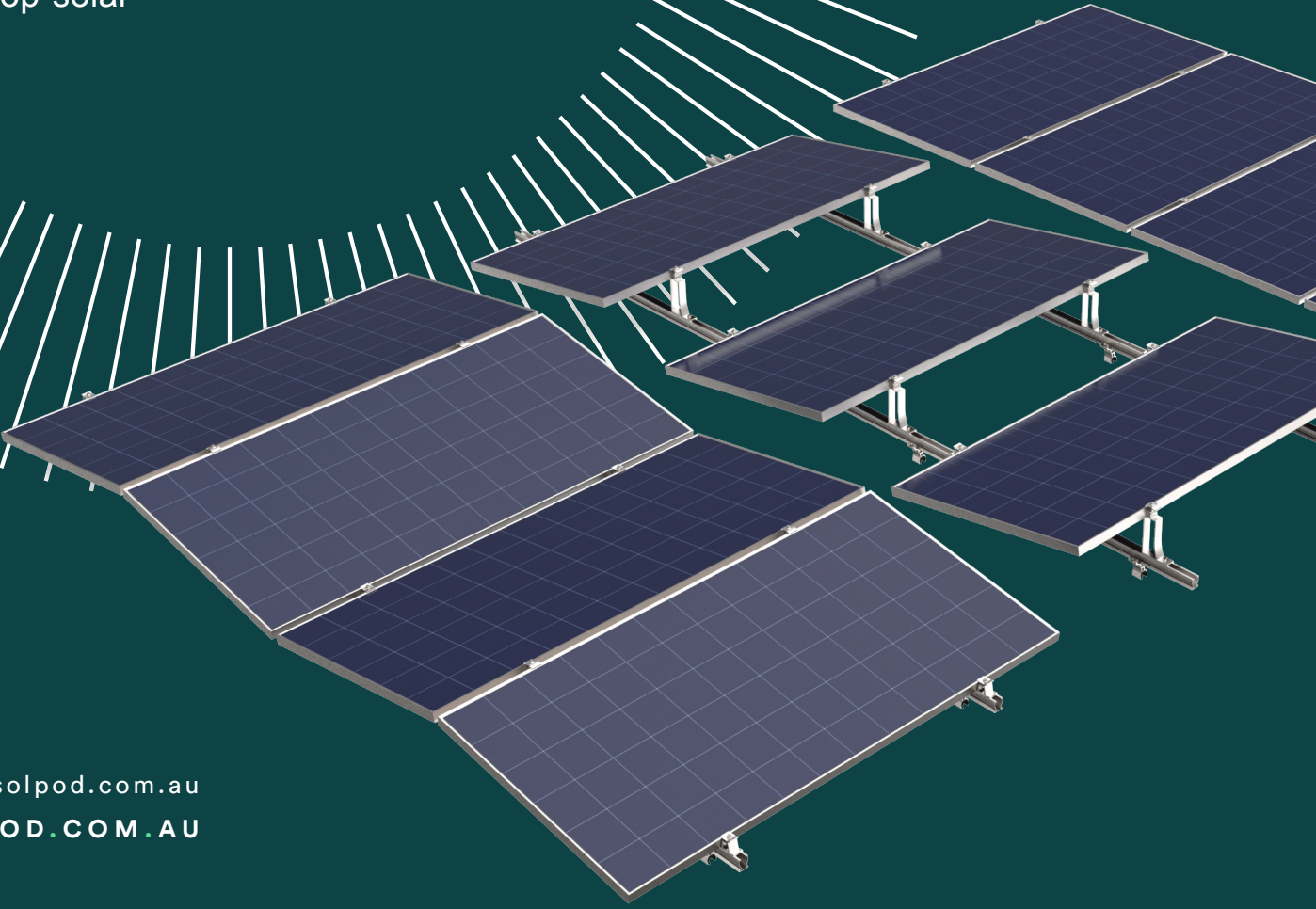


SOLPOD
Mini

—
Revolutionalising
rooftop solar

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Versatility with just three brackets

Using just three brackets, Solpod Mini supports flush mount, single orientation tilt, or back-to-back tilt, on custom channels that provide earthing and cable management.

Each module is held at four points, using edge brackets and centre brackets.

Each bracket is double sided, with one side offering a mechanical clamping function, and the other side offering a "slide-in" function using a C-shaped profile.

Assembly occurs by sliding the far edge of the module into the C-shaped profile, then

clamping at the near edge. This way, installers don't have to reach a metre over the module to tighten a fastener.

Ideal for commercial format modules, approximately 2.0 m x 1.0 m, with frame heights of 35 mm or 40 mm, Solpod Mini offers fast installation with best-practice occupational health and safety, thanks to the simple "no reach" assembly method.



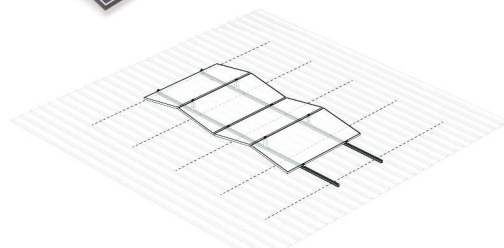
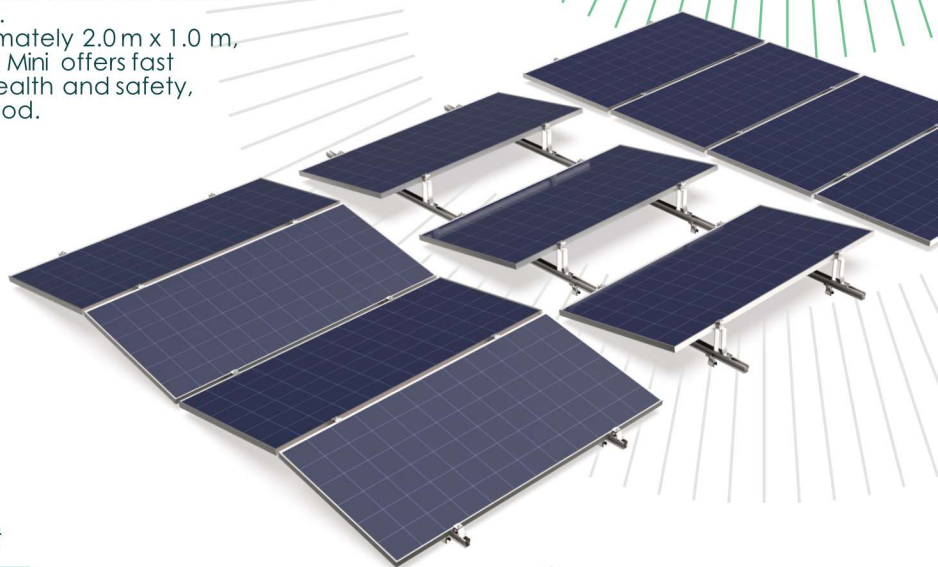
Just three brackets to suit flush, single tilt or dual tilt

Traditional solar requires installers to reach 1 metre over each module to tighten fasteners

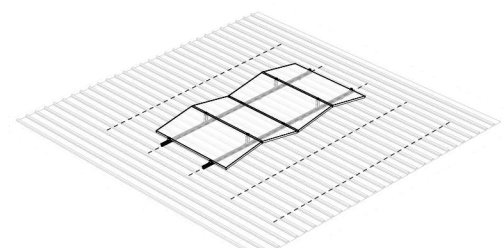
Solpod Mini has no reach - the bracket fasteners are always on the near side of each module. This delivers best practice Occupational Health and Safety (OH&S).

Solpod Mini can be installed in landscape 'columns' or portrait 'rows'

The default method is in landscape 'columns', where the fixing spacing is equal to the purlin spacing. Each column of modules is fixed to two channels using edge and centre brackets that incline the modules at 10 degrees. Electrical cables can run in the channels..



Solpod Mini in a column



Solpod Mini in a row



SPC01-4.3 SPC01-6.3

Solpod Channel 01 in 4.3 metre and 6.3 metre lengths



SPCL-3

Solpod Channel Lid in 3 metre length



SPCJ02

Solpod Channel Joiner



SPEL

Solpod Earth Lug



SPCB-35 SPCB-40

Solpod Centre Brackets for 40 mm or 35 mm module frames, 10° tilt



SPEB-35 SPEB-40

Solpod Edge Brackets to match the centre brackets, for 10° tilt



SPFB-35 SPFB-40

Solpod Flush Brackets for 0° tilt



SPCF01

Solpod Channel Foot 01, with 7 mm hole to suit roof screw, and EPDM adhered to base



SPRC305

Solpod Roof Clamp to suit standing seams, includes channel foot



SPRC406

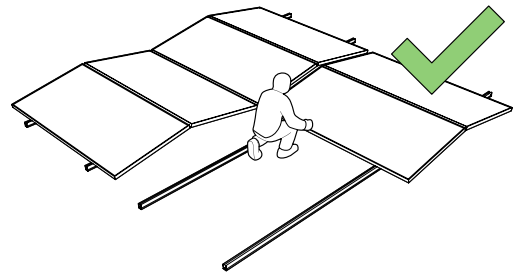
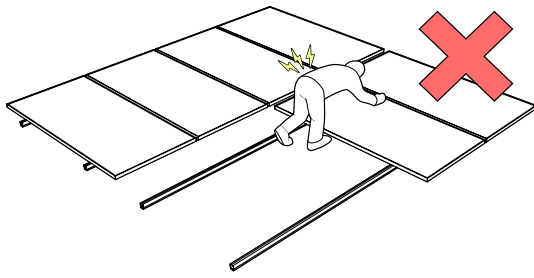
Solpod Roof Clamp to suit 406 style roofs, includes channel foot



SPRC700

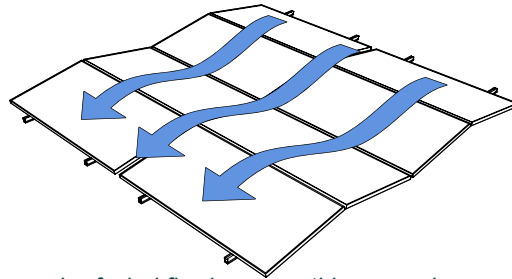
Solpod Roof Clamp to suit 700 style roofs, includes channel foot

Improving Occupational Health & Safety for Installers



Standard solar mounting systems require installers to reach over modules to fasten them, Solpod Mini places fasteners on the near side of each module, delivering best practice OH&S

Wind-tunnel tested and certified to comply with AS/NZS1170.2



Example of wind flowing smoothly over solar array

Solpod Mini is backed by a 10-year warranty and is compliant with:

- AS/NZS 1170.2:2011/Amdt 2:2012 on wind actions and
- AS/NZS 16641.1:1997 on aluminium structures

Components

- Custom aluminium extrusion and components

Materials

- 6106-T6 aluminium, mill-finish (not anodised) for less pollution and to deliver metal-to-metal earthing
- Grade 304 stainless fasteners in the Solpod
- Galvanised steel riser tubes are 42 mm outside diameter (32NB) with 3 mm wall thickness

Structural certification

- Wind tunnel testing from MEL Consultants Pty Ltd
- Structural certification from Tensys Pty Ltd

Corrosion

- Roof clamps (406 & 700) supplied with EPDM rubber pads
- Annual inspection recommended for regions near the coast
- EPDM rubber used between steel risers and aluminium bearers

Earthing

- Channel provides an earthing connection to all modules in that column
- All aluminium components are mill-finish (not anodised) to deliver metal-to-metal earthing
- Earth lug provides a connection between channel and earth cable